

ANNUAL REPORT
OF THE
Board of Fire Commissioners,
CHIEF ENGINEER,
AND
FIRE ALARM SUPERINTENDENT
OF THE
SAN FRANCISCO FIRE DEPARTMENT
FOR THE
FISCAL YEAR ENDING JUNE 30, 1887.



SAN FRANCISCO:
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REPORT

OF THE

BOARD OF FIRE COMMISSIONERS.

HEADQUARTERS FIRE DEPARTMENT,
OFFICE BOARD OF FIRE COMMISSIONERS,
OLD CITY HALL,
SAN FRANCISCO, July 1, 1887. }

*To the Honorable the Board of Supervisors
Of the City and County of San Francisco :*

GENTLEMEN : In compliance with Resolution No. 19,581 of your Honorable Body, the Board of Fire Commissioners herewith present their annual report and report of the Chief Engineer of the Fire Department, containing a statement of the expenditures for the fiscal year ending June 30, 1887, the condition of the Department, a statement of the fires and alarms and their causes, and other matters pertaining to the Department.

ORGANIZATION.

The Fire Department consists of a Board of Fire Commissioners who act without compensation, a Chief Engineer, Assistant Chief Engineer, four Assistant or District Engineers, and officers and employees numbering three hundred and forty-five men, including all grades and positions.

FIRE COMMISSIONERS' REPORT.

BOARD OF FIRE COMMISSIONERS.

FRANK G. EDWARDS,

PRESIDENT.

FREDERICK C. SIEBE,

SAMUEL NEWMAN,

MARTIN KELLY;

DANIEL J. MAHONY.

E. B. VREELAND, SECRETARY.

Salary, \$1,800.

CHARLES KELLY, MESSENGER,

Salary, \$900.

ENGINEERS.

DAVID SCANNELL,

CHIEF ENGINEER.

JAMES RILEY,

ASSISTANT CHIEF ENGINEER,

Office Headquarters, Old City Hall.

ASSISTANT ENGINEERS.

JOHN McCARTHY,

Headquarters.....Engine House, No. 1.

DENNIS SULLIVAN,

Headquarters.....Engine House, No. 4.

AUGUSTUS C. IMBRIE,

Headquarters.....Engine House, No. 8.

GEORGE W. KENNARD,

Headquarters.....Engine House, No. 7.

FORCE AND PAY ROLL.

1 Chief Engineer—salary per annum.....	\$3,000
1 Assistant-Engineer “ “	2,400
4 Assistant-Engineers “ “	1,800

PERMANENT FORCE UNIFORMED.

15 Engineers of Steamers, each.....	1,680
15 Stokers “ “	1,080
15 Drivers “ “	1,080
8 Drivers of Hose Carts, “	1,080
8 Stewards “ “	960
5 Drivers of Hook and Ladders.....	1,080
5 Tillermen.....	1,080

MEMBERS AT CALL, NOT UNIFORMED.

28 Foremen of Companies—Salary per annum.....	54
168 Hosemen “ “	420
60 Hook and Ladder Men, “ “	420

CORPORATION YARD.

1 Superintendent of Engines—Salary per annum.....	1,800
1 Assistant-Superintendent of Engines—Salary per annum.....	1,680
1 Substitute Engine and Machinist	1,680
1 Clerk of Corporation Yard.....	1,500
1 Veterinary Surgeon.....	720
2 Hydrant men.....	1,080
1 Carpenter.....	1,200
1 Drayman	1,080
1 Watchman.....	900

FIRE COMMISSIONERS' REPORT.

FIRE DISTRICTS.

The city is divided into four fire districts, as follows:

District No. 1 embraces all that portion of the city north of a line running through Market street from the ferries to Stockton street, thence northerly to the bay and around the water front to the ferries, the place of commencement.

District No. 2—All that portion of the city south of Market street, from the ferries, along Market street to Sixth street, thence south to Channel street, and around the water front to the ferries.

District No. 3—All that portion of the city lying north of Market and west from Stockton street to ocean and water front.

District No. 4—All that portion of the city west of Sixth street and south of Market street, to the ocean and the county line.

ASSIGNMENT OF DISTRICTS.

DISTRICT.	ENGINEER IN COMMAND.	ENGINES.	TRUCKS.	HOSE.
No. 1.....	John McCarthy.....	1, 2, 5, 12..	1, 2.....	1, 4
No. 2.....	Dennis Sullivan.....	4, 9, 10....	.....	9.
No. 3.....	A. C. Imbrie.....	3, 8, 14, 15.	4, 5.....	2, 8.
No. 4.....	Geo. W. Kennard.....	6, 7, 11, 13.	3.....	3, 5, 7.

EXPENDITURES.

The expenditures of the Department as shown by the books of the Commissioners, are classified as follows :

Total amount appropriated.....	\$110,000 00
Total Amount expended.....	97,920 83
Balance unexpended.....	\$12,079 17
Salaries of Officers and Members.....	\$223,350 00
Total Amount expended.....	97,920 83
Total cost of Department.....	\$321,270 83

RECAPITULATION OF EXPENDITURES.

Repairs to Apparatus.....	\$20,225 84
Repairs to Houses.....	13,816 63
Forage.....	9,256 38
Horse-shoeing.....	2,846 00
Harness and Repairs.....	4,196 70
Fuel.....	2,480 92
Small Stores.....	5,952 06
Hydrants.....	2,030 00
Hydrants—setting and resetting.....	2,511 00
Ten Horses.....	3,400 00
Board of Horses and Pasturage.....	870 75
Medicines.....	480 00
Printing and Stationery.....	323 38
Telephone Service.....	386 50
Expert Architect Service.....	731 00
Chemicals and Extinguishers.....	290 90
10,000 2½-inch Hose.....	12,000 00
1 Engine and Freight—La France.....	4,250 00
1 Engine and 1 Freight—Amoskeag.....	4,477 20
Archibald Wheels.....	1,949 50
8 Hose Carts.....	1,380 00
Paints, Glass, Etc.....	1,116 01
Relief Valves.....	325 55
Freight on Material.....	570 05
Iron Hubs and Machinery.....	357 35
Boilers.....	1,697 11
	<hr/> \$97,920 83

Total valuation of the property of all kinds held in trust by this Board of Commissioners, as per inventory, is as follows :

Real Estate and Improvements.....	\$420,000
Apparatus.....	140,000
Horses and Harness.....	35,000
Furniture and supplies.....	7,500
Hose and Couplings.....	30,000
Machinery and Tools in Repair Shop.....	10,000
Hydrants in use.....	45,900
	<hr/>
Total valuation.....	\$687,500

While the Board of Fire Commissioners are averse to any measure or recommendation that would add one dollar to the tax levy of the city, they would be deemed derelict in their duty if they did not point out to your Honorable Body the defects of the Department wherever they exist and the remedy proposed.

In the last annual report of the Department, reference was made to the great necessity of a suitable lot for the Department in the vicinity of the block bounded by Market, Powell and Ellis streets, for the purpose of erecting thereon a suitable house in which to locate one company with a steam engine and possibly one with a chemical engine.

FIRE COMMISSIONERS' REPORT.

The tax levy was made and the money set apart in the annual appropriation for the uses of the Fire Department, to be expended as in the judgment of the Board of Supervisors and this Commission it may be determined. The one-twelfth Act operated as a bar to the purchase of a lot at the commencement of the fiscal year. When at the near termination of the year, the money was on hand to the credit of the Fire Department, the purchase of a lot was refused by your Honorable Board on the ground that other departments of the city government were in need, and that a surplus in the General Fund could not be expended for purposes other than those which the tax levy was created for and which the taxpayers intended.

The Department is now in a comparatively crippled condition from the want of necessary improvements such as the setting of additional hydrants in the city east of Sixth and Taylor streets, purchase of additional hose and repairs to Fire Department buildings. It was expected that the surplus at the close of the fiscal year would be expended in the purchase of a lot in the vicinity described, the erection of a suitable house thereon, the purchase of additional engines, a water tower, and other appliances which are absolutely requisite to increase the efficiency of the Fire Department, and enable it to keep pace with the rapid growth of the city.

The Board of Fire Commissioners respectfully call the attention of your Honorable Body to the accompanying report of the Chief Engineer of the Department, and urge the adoption of the recommendations contained therein.

They are of the utmost importance to the citizens and taxpayers, and should be acted upon without delay. The operations of the Department, under his charge, is fully set forth in the accompanying report and statements.

Respectfully submitted,

FRANK G. EDWARDS, PRESIDENT.
FREDERICK C. SIEBE,
SAMUEL NEWMAN,
MARTIN KELLY,
DANIEL J. MAHONY.

REPORT OF THE CHIEF ENGINEER
OF THE
SAN FRANCISCO FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
OLD CITY HALL,
SAN FRANCISCO, July 1, 1887. }

*To the Honorable the Board of Fire Commissioners
Of the City and County of San Francisco :*

GENTLEMEN :—I respectfully present my annual report of the operations of the department under my charge, for the fiscal year ending June 30, 1887 :

During the year 299 first bell alarms, six second bell alarms and one third or general alarm, were received at and sent out from the Fire Alarm Station ; 219 still or verbal alarms were received at department houses, making a total of 525 actual fires extinguished by the Department.

The total loss by fire as determined by the Fire Marshal, Mr. Charles Towe, was \$870,219.10, an amount much less than the preceding year. The amount of insurance paid was \$567,878.56, leaving the actual loss to property owners of \$311,340.54.

The table of losses exhibit the success that has attended the efforts of the Department for the past year.

CHIEF ENGINEER'S REPORT.

STATEMENT OF MONTHLY LOSSES BY FIRE FOR THE FISCAL
YEAR ENDING JUNE 30, 1887.

MONTHS.	LOSS.	INSURANCE.	INSUR'CE PAID.
1886.			
July.....	\$78,353 06	\$221,290 30	\$59,440 56
August.....	376,216 25	387,695 00	228,184 85
September.....	21,767 08	178,374 00	21,221 58
October.....	12,885 04	131,100 00	11,540 04
November.....	26,239 97	109,130 00	15,366 87
December.....	41,336 55	224,830 00	24,008 55
1887.			
January.....	35,533 94	113,799 83	16,168 00
February.....	19,943 24	286,450 00	16,408 24
March.....	39,395 71	122,174 73	24,661 79
April.....	24,868 99	140,550 00	18,696 78
May.....	179,146 42	257,275 00	118,864 07
June.....	23,662 85	110,960 00	13,317 25
Totals...	\$879,219 10	\$2,283,679 86	\$567,878 56

NOTABLE FIRES.

The most extensive and disastrous fire which occurred during the year, was on August 21st, 1886—time 6:05 P. M.; alarm from Station 68. The alarm was sent in for a fire on Brannan street, between fourth and fifth, in the rear of I. H. Small's machine shop and foundry. In the rear of the shop was located the Centennial Planing Mills, a three story frame structure, and also the large three story frame building occupied by Krelling Bros. as a furniture factory. So fierce and uncontrollable did the fire become by reason of the inflammable and highly combustible materials contained in the large structures, that a second alarm was sent in for more engines. The flames spread with the rapidity of a prairie fire, and seemed so dangerous and spreading over such a vast area, that it was deemed necessary to summon the entire force of the Department by a third or general alarm. The water mains in that portion of the city afforded but a limited supply, being only eight

inches in diameter, and consequently greatly interfered with the effectiveness of the service of the engines.

The fire was under control in three hours, and the entire force of the Department was engaged. Loss estimated at \$300,000.

January 16, 1887, Station 154; time, 1:45 o'clock, P. M. This alarm was for a fire in the buildings Nos. 512 to 528 Fifth street, occupied as a furniture factory by Korbel Bros. and others. Owing to the combustible nature of the building and contents, the fire gained ground so rapidly that a second alarm was sent in for more help. The fire was under control in one hour, and required the services of eight engines, three hose companies and three truck companies. Loss estimated at \$30,000.

May 10, 1887, Station No. 36; at 2:45 o'clock, P. M., for a fire at the hay barn of Scott & McCord, situated on Stewart street, in the block bounded by Stewart, Folsom, East and Howard streets.

The fire burned with fierceness, and a high wind blowing at the time, so much adjacent property was endangered that a second alarm was sent in to bring additional apparatus. At this fire the necessity for a suitable fire-boat on the water front was made plainly manifest. Without the services of the "Governor Irwin," used as a fire-boat on this occasion, the shipping at the water front in that vicinity, would have suffered great loss. The "Governor Irwin" had four streams in active play, and the men in charge were materially assisted in their operations by the members of the Underwriters' Fire Patrol, under Captain Russell White, and to them I am under obligations for their volunteer services at this fire.

The fire was under control in one hour and required the services of ten engines, three hose companies and three truck companies, and the fire-boat "Governor Irwin." Loss estimated at \$50,000.

May 17, 1887, an alarm was sent in for a fire at South San Francisco, Station 281; time, 11:40 o'clock, P. M.

The fire broke out in what was known as "Butchertown," and was first discovered in the pork packing establishment owned by Michaelson, Roth & Co. This building and a large number of others, frame structures, was soon a mass of flames, and companies of the department which reached the scene of the conflagration, had to let the fire have its sway, as they were powerless to cope with the element for want of water facilities. At Sixth and Railroad avenues, where the fire broke out, there were but four hydrants, which furnished only a very limited supply of water, and at the time of the fire the tide was out, so that the engines could not draught from the bay. The loss was estimated at \$100,000.

MORTUARY.

During the year the following members of the Fire Department died:

Monday, August 23, 1886, George W. L. Post, messenger at Headquarters.

At the Harpending Block fire in 1871, Mr. Post, then an active member of Engine Company No. 2, while in the discharge of duty, was felled to the

ground by falling timbers, and before he could be rescued he was frightfully burned about the head and face—at the same time he received an injury to his left arm. The injury was of such a serious nature that it became necessary to amputate the arm. From the injuries to his head he never recovered, and this in a great measure was the cause of his death.

In recognition of his services at this fire, and in consideration of the fact that he was incapacitated from further active fire duty, he was appointed messenger at headquarters of the Department. He left a widow and a son six years of age.

October 12, 1886, Peter Galligan, Hoseman of Engine Company No. 3, died of consumption.

December 16, 1886, John O'Brien, Foreman of Hook and Ladder Company No. 2, died of consumption.

December 25th, 1886, Lawrence Kenney, Truckman of Hook and Ladder Company No. 4, died of consumption.

February 10, 1887, John J. Wilkinson, Hoseman of Hose Company No. 5, died at his post of duty at the fire at No. 619 Post street.

Wilkinson, with others of his Company, were in the building directing the stream of his Company. The building was deemed unsafe, and the men at work were ordered out, but before they could escape, the structure collapsed, crushing poor Wilkinson and severely injuring several members of Hose Company No. 5 and Engine Company No. 4.

March 21, 1887, Daniel V. Holland, Hoseman Engine Company No. 6, died of consumption.

CORPORATION YARD.

In addition to the fifteen steam engines in service in the different Companies, there are in the Corporation Yard seven relief engines, eleven hose carts, one four wheeled hose carriage and three hook and ladder trucks, for relief service; also, thirteen relief horses and two thousand feet of extra hose.

During the year, ten horses were purchased, four horses were transferred to the Alms House and three died; also, seventy-two hydrants were set and reset, making a total of 1,494 hydrants in use by the Department.

RECOMMENDATIONS.

I take this occasion to renew my recommendation made in my last report, namely, that a lot of sufficient size be purchased in the vicinity of the block bounded by Market, Powell and Ellis streets, to locate one or two engine companies (one steam and one chemical) thereon.

That portion of the city is remote from any of the engine companies, and being composed of most valuable buildings, I deem it of the utmost impor-

tance that the above recommendation be complied with at the earliest possible time.

FOURTH OF JULY.

I respectfully call the attention of the Board of Commissioners, and through them that of the Board of Supervisors, to the great necessity for the enactment of an ordinance which will prohibit the sale and explosion of Fireworks particularly, on the Fourth of July.

Numerous conflagrations and many personal injuries are the consequences of the indiscriminate use of explosives on that day.

It is the experience of most cities that a terrible lesson in the form of a great conflagration is necessary to urge the necessity of the enactment of some law or modification of existing laws in relation to the sale and use of Fireworks on the Fourth of July. I am the last person who would place any impediment in the way of a proper celebration of the anniversary of our national independence, but I do think some restriction should be placed on the sale and careless use of Fireworks. I, therefore, would suggest that the explosion of fireworks on the fourth of July be restricted or confined to the public squares and parks where damage to property would be nominal. I state the above from the fact that during the twenty-four hours of July 4, 1886, no less than twenty-three alarms for actual fires occasioned by Fireworks were sent in and responded to by the Department, and it is the experience of the Department that, in the event of two large fires occurring in different sections of the city at one time, it would in all probability be a very severe lesson to the owners of property. I take every precaution on that day to have all the men on duty at the houses of the Department; at every alarm of fire the trained men respond with alacrity, and fires are promptly extinguished.

I think I would be derelict in my duty to the citizens if I did not call attention to the above facts as they appear to me, and hope sincerely that this wooden city may be as fortunate in the future as it has been in the past.

HEIGHT OF BUILDINGS.

I desire to call your attention to the necessity of limiting the height of frame buildings to be used as hotels, lodging and tenement houses. Property owners evince a desire to erect structures for such purposes to a height which in my judgment is not only dangerous to the safety of the inmates, but is a direct menace to the district in which they are situated. Several large structures have recently been erected in portions of the city which have heretofore been desirable for residence purposes only. These districts are not so well supplied with water facilities as to warrant the building of houses five and six stories in height, for should a fire break out in one of these and get beyond the control of the Department, it would undoubtedly involve a vast amount of property in the immediate neighborhood.

With the limited supply of water in these districts, the Department can cope with fires in houses not over sixty feet in height, but in houses higher than that it cannot expect to do so successfully.

I would therefore suggest the necessity of passing an ordinance limiting the height of wooden buildings to sixty feet, except for churches, and these should be covered with fire-proof material. Fire escapes should be provided in all buildings used as factories, lodging-houses or hotels, or buildings in which there may be any large number of persons above the line of the second story. Many persons who were caught in the Bancroft building, on Market street, owe their lives to the fact that there were side windows in the building through which they were enabled to escape to adjoining roofs.

I would also suggest that an ordinance be passed requiring the owners of buildings of four or more stories in height to erect within said buildings on each floor, pipes connected with the street mains; these to have butts of the size recognized by the Department, so as to enable the firemen to make connection with their hose. This ordinance should also require owners of property to erect on the sidewalk in front of their premises a Siamese connection or hydrant, so that immediate connections, with a fully supply of water, may be had.

To the officers and men of the Department I extend my sincere thanks for the promptness and energy displayed by them on all occasions in their efforts to save life and property.

My especial thanks are due to Captain Russell White of the Underwriters' Fire Patrol, and the men of his command, for the voluntary aid on all occasions requiring their services, also to Fire Marshal, Mr. Charles Towe, P. Crowley, Chief of Police, and the department under his command. To John Curran of the Fire Alarm Office, and to your Honorable Board of Commissioners in according to me all assistance within your power for the successful efforts made by the Department for the past year.

Very respectfully,

DAVID SCANNELL,

Chief Engineer S. F. F. D.

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF
HORSES AND MEN, AND DUTY PERFORMED BY EACH
COMPANY FOR YEAR 1887.

COMPANY AND ENGINE.	Class.....	Horses.....	Men.....	No. of times in Service.....	Time worked		Bell Alarms...
					Horses..	Men....	
Engine Co. No. 1, Amoskeag Engine and Cart.....	2	3	12	43	58	.....	4
Engine Co. No. 2, Amoskeag Engine and Cart.....	2	3	12	83	140	20	18
Engine Co. No. 3, Amoskeag Engine and Cart.....	3	3	12	26	44	35	1
Engine Co. No. 4, Amoskeag Engine and Cart.....	2	3	12	59	123	.....	8
Engine Co. No. 5, Amoskeag Engine and Cart.....	2	3	12	64	87	51	15
Engine Co. No. 6, Amoskeag Engine and Cart.....	2	3	12	74	145	25	19
Engine Co. No. 7, Amoskeag Engine and Cart.....	2	3	12	36	67	30	8
Engine Co. No. 8, Amoskeag Engine and Cart.....	2	3	12	12	29	35	2
Engine Co. No. 9, Amoskeag Engine and Cart.....	2	3	12	69	119	15	8
Engine Co. No. 10, La France Engine and Cart.....	2	3	12	52	135	.....	7
Engine Co. No. 11, Amoskeag Engine and Cart.....	2	3	12	22	89	45	16
Engine Co. No. 12, Clapp and Jones Engine and Cart.	1	3	12	34	71	15	6
Engine Co. No. 13, Amoskeag Engine and Cart.....	3	3	12	11	37	30	4
Engine Co. No. 14, Amoskeag Engine and Carriage....	2	4	12	30	62	15	10
Engine Co. No. 15, Amoskeag Engine and Carriage....	3	4	12	35	51	45	13
Hose Company No. 1, Hose Cart.....	.....	1	9	20	37	.....	8
Hose Company No. 2, Hose Carriage... ..	.....	2	9	23	42	30	5
Hose Company No. 3, Hose Carriage.....	.....	2	9	23	58	20	9
Hose Company No. 4, Hose Cart.....	.....	1	9	17	26	50	3
Hose Company No. 5, Hose Cart.....	.....	1	9	46	99	15	1
Hose Company No. 7, Hose Carriage.....	.....	2	9	45	57	.....	23
Hose Company No. 8, Hose Carriage.....	.....	2	9	4	9	.....	1
Hose Company No. 9, Fire Boat.....	.....	.....	9	16	111	.....	7
Truck Company No. 1, Hayes Truck.....	.....	2	15	114	220	.....	15
Truck Company No. 2, Hayes Truck.....	.....	2	15	58	83	25	19
Truck Company No. 3, Hayes Truck.....	.....	2	15	114	206	15	1
Truck Company No. 4, Common Truck ... ..	.....	2	15	40	113	.....	4
Truck Company No. 5, Hayes Truck.....	.....	2	15	19	29	.....	4

CAUSES OF FIRES AND ALARMS.

Ash barrels	27	Defective forge.....	1
Asphaltum kettle.....	1	Explosion, coal oil lamps.....	26
Boiling kettle fat.....	1	Explosion, gas from benzine.....	1
Burning grass.....	1	Explosion, toy engine.....	1
Bonfire.....	1	Explosion, boiler	1
Burning brush.....	1	Explosion, coal oil tank	1
Chimneys.....	25	Fireworks..	38
Careless with matches	29	False alarms.....	22
Careless with lamp	4	Friction matches	
Careless with fire.....	6	Hot Ashes.....	14
Careless with candle	7	Hot iron.....	1
Careless with cigar.....	9	Incendiary	8
Carelessness with gasoline.	1	Leaky gas pipe.....	1
Children with matches.....	29	Pipe smoking	
Cigarette smoking.....	21	Plumber's stove.....	2
Carby acid.....	1	Sparks from chimney.....	23
Defective chimney.....	28	Sparks from smokestack.....	5
Defective stove.....	6	Sparks from locomotive.	1
Defective dry room.....	4	Sparks from furnace.....	2
Defective furnace.....	3	Sparks from grate.....	3
China wash houses	2	Sparks from engine.....	1
Defective smoke stack.....	1	Swing gaslight.....	1
Defective oven.....	2	Smoking out vermin.....	1
Defective boiler.....	2	Spontaneous combustion.....	6
Defective metre.....	2	Steam pipes.....	1
Defective grate.....	3	Tramps smoking.....	4
Defective stove pipe.....	13	Unknown	116
Defective gas.....	1		
Defective smoke house.....	2	Total	525
Defective flat iron heater.....	1		

DEATHS, RESIGNATIONS, DISMISSALS, ETC.

COMPANIES.	Deaths.....	Resignations...	Dismissals.....	Appointments..	Transfers.....	Promotions....
Engine Company No. 1.....					1	
Engine Company No. 2.....		2		3		
Engine Company No. 3.....	1			1	1	
Engine Company No. 4.....					2	
Engine Company No. 5.....		2		2		
Engine Company No. 6.....	1		1	3	1	
Engine Company No. 7.....		2		2	2	
Engine Company No. 8.....					1	
Engine Company No. 9.....		1		1	1	1
Engine Company No. 10.....		1		3	2	
Engine Company No. 11.....		1	1	3	3	1
Engine Company No. 12.....				1	2	2
Engine Company No. 13.....		1		1	1	1
Engine Company No. 14.....		1		1		
Engine Company No. 15.....		3		3	4	
Hose Company No. 1.....		2	1	2	2	1
Hose Company No. 2.....					1	
Hose Company No. 3.....					1	
Hose Company No. 4.....						
Hose Company No. 5.....	1	1		2		
Hose Company No. 7.....				2	2	
Hose Company No. 8.....		1		1	1	1
Hose Company No. 9.....		1		3	3	
Truck Company No. 1.....		3		3	5	1
Truck Company No. 2.....	1	2	1	4	2	2
Truck Company No. 3.....		1		4	4	1
Truck Company No. 4.....	1	1		2		
Truck Company No. 5.....				2	5	
Totals.....	5	26	5	49	47	11

LOCATION OF STEAM FIRE ENGINES, HOSE COMPANIES AND TRUCK COMPANIES.

Steamer No. 1—Pacific street, between Montgomery and Sansome.
 Steamer No. 2—North side of Bush street, between Kearny and Dupont.
 Steamer No. 3—South side of California street, between Leavenworth and Hyde.
 Steamer No. 4—West side of Second street, between Natoma and Howard.
 Steamer No. 5—West side of Stockton street, between Pacific and Broadway.
 Steamer No. 6—East side of Sixth street, south of Folsom.
 Steamer No. 7—Sixteenth street, above Valencia.
 Steamer No. 8—North side of Pacific avenue, between Polk street and Van Ness avenue.
 Steamer No. 9—West side of Main street, near Folsom.
 Steamer No. 10—Bryant street, between Third and Fourth.
 Steamer No. 11—Fourteenth avenue, near Railroad avenue, South San Francisco.
 Steamer No. 12—Drumm street, southwest corner Commercial.
 Steamer No. 13—Valencia street, between Twenty-fifth and Twenty-sixth.
 Steamer No. 14—McAllister street, between Webster and Buchanan.
 Steamer No. 15—California street, between Laguna and Buchanan.
 Hose Company No. 1—North side of Jackson street, between Front and Davis.
 Hose Company No. 2—Post street, near Fillmore.
 Hose Company No. 3—Folsom street, between Twenty-first and Twenty-second.
 Hose Company No. 4—East side of Stockton street, north of Greenwich.
 Hose Company No. 5—South side of Market street, between Tenth and Eleventh.
 Hose Company No. 7—Tennessee street, between Sierra and Napa.
 Hose Company No. 8—South side of Filbert street, between Webster and Fillmore.
 Hose Company No. 9 (Fireboat)—Market Street Wharf.
 Truck No. 1—North side of O'Farrell street, west of Dupont.
 Truck No. 2—South side of Broadway street, between Dupont and Stockton.
 Truck No. 3—South side Market street, between Tenth and Eleventh.
 Truck No. 4—North side of Pacific street, between Jones and Leavenworth.
 Truck No. 5—Post street, near Fillmore.
 Corporation Yard—No. 50 Sacramento street, between East and Drumm.
 Corporation Yard Storehouse—Waller street.

 CORPORATION YARD EMPLOYEES.

Samuel Rainey.....	Superintendent of Engines.
John Reilly.....	Assistant Superintendent of Engines.
Henry H. Gorter.....	Sub-Engineer and Machinist.
William Eyre.....	Clerk of Corporation Yard.
Peter Burns.....	Veterinary Surgeon.
John Wills.....	Carpenter.
George Maxwell.....	Hydrantman.
William H. Smith.....	Hydrantman.
Charles Lyons.....	Drayman.
Cornelius Guinee.....	Watchman.

ENGINE COMPANY No. 1.

Location—Pacific, between Montgomery and Sansome.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Geo. Gallagher.....	Engineer.....	2	Engineer.
Eugene Sullivan.....	Blacksmith.....	4	Stoker.
Geo. McGreavy.....	Teamster.....	3	Driver.
MEMBERS AT CALL.			
James Conniff.....	Caulker.....	1	Foreman.
O. F. Baker.....	Stevedore.....	5	Assistant Foreman.
Timothy Regan.....	Clerk.....	6	Hoseman.
Benj. Whitehead.....	Painter.....	7	"
Wm. Martin.....	Boatman.....	8	"
Henry Cooper.....	Bricklayer.....	9	"
Jacob Krausgrill.....	Gunsmith.....	10	"
Geo. Cashel.....	Clerk.....	11	"
Tobias Langan.....	Special Officer.....	12	"

ENGINE COMPANY No. 2.

Location—North side Bush, between Kearny and Dupont.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
George S. Bromley.....	Engineer.....	14	Engineer.
Thos. F. Bender.....	Mason.....	16	Stoker.
Cornelius Connell.....	Teamster.....	15	Driver.
MEMBERS AT CALL.			
John Fay.....	Wire-worker.....	13	Foreman.
William J. Courtney.....	Boilermaker.....	17	Assistant Foreman.
Thomas Tracey.....	Gasfitter.....	24	Hoseman.
John J. Nagle.....	Salesman.....	18	"
Stephen Fay.....	Whip-maker.....	23	"
Harry Barron.....	Barber.....	21	"
Samuel G. Drummond.....	Teamster.....	22	"
Philip Brady.....	Printer.....	20	"
Joseph Shields.....	Painter.....	19	"

ENGINE COMPANY No. 3.

Location—California street, between Leavenworth and Hyde.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
James C. Fraser.....	Engineer.....	26	Engineer.
Michael Dougherty	Gasfitter.....	28	Stoker.
Howard Holmes.....	Teamster.....	27	Driver.
MEMBERS AT CALL.			
Michael J. Dolan.....	Carriage-maker.....	25	Foreman.
Patrick Barry.....	Boiler-maker.....	29	Assistant Foreman.
George W. Lawton	Wagon-maker.....	30	Hoseman
Thomas J. Shields...	Lather.....	31	"
Timothy J. Driscoll.....	Printer.....	32	"
James P. Britt.....	Cooper.....	33	"
John J. Sullivan.....	Gasfitter.....	34	"
Lorenzo A. Henry.....	Printer.....	35	"
George Holmes.....	Butcher.....	36	"

ENGINE COMPANY No. 4.

Location—Second street, between Natoma and Howard.

NAMES.	OCCUPATION.	NO. BADGE.	RANK
John J. Murphy.....	Engineer.....	38	Engineer.
Charles Bell.....	Butcher.....	40	Stoker.
Timothy Hallinan.....	Teamster.....	39	Driver.
MEMBERS AT CALL.			
Patrick Curran.....	Carpenter.....	37	Foreman.
Michael Hynes.....	Grocer.....	41	Assistant Foreman.
William F. Tracey	Gasfitter.....	42	Hoseman.
John T. Winter.....	Sheet-iron worker.....	43	"
Edward Skelly.....	Lumberman.....	44	"
Edward Smith.....	Plumber.....	45	"
Henry D. Rice.....	Moulder.....	46	"
Stephen Neal.....	Clerk.....	47	"
Joseph Burnett.....	Boxmaker.....	48	"

ENGINE COMPANY No. 5.

Location—Stockton street, between Pacific and Broadway.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Hugh J. Colvin.....	Engineer.....	58	Engineer.
Jas. H. Stroud.....	Harness-maker.....	59	Stoker.
Geo. Dougherty.....	Teamster.....	60	Driver.
MEMBERS AT CALL.			
John J. Mahoney.	Lamplighter	49	Foreman.
Henry J. Robinett.....	Lamplighter	50	Assistant Foreman.
Fred. Rose.....	Bartender.....	51	Hoseman.
John Burns.....	Boatman.....	52	"
Ed. Riley.....	Harness-maker.....	53	"
Felix P. Desmond.....	Painter.....	54	"
Philip P. McMahon.....	Jeweler.....	55	"
Louis Messner.....	Baker.....	56	"
Samuel M. Hertz.....	Gasfitter.....	57	"

ENGINE COMPANY No. 6.

Location—Sixth street, between Folsom and Harrison.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
James Mason.....	Engineer.....	61	Engineer.
William Burns.....	Teamster.....	62	Stoker.
Geo. H. Walsh.....	Butcher.....	63	Driver.
MEMBERS AT CALL.			
John Dougherty.....	Gasfitter.....	64	Foreman.
Geo. Reardon.....	Gasfitter.....	65	Assistant Foreman.
William Kilday.....	Clerk	70	Hoseman.
J. Daily.....	Gasfitter.....	72	"
A. Griggins.....	Teamster.....	67	"
J. Burke.....	Engineer.....	66	"
J. O'Neil.....	Teamster.....	68	"
T. Reiley.....	Hat trimmer.....	69	"
J. Reardon.....	Gasfitter.....	71	"

CHIEF ENGINEER'S REPORT.

ENGINE COMPANY No. 7.

Location—Sixteenth street, near Valencia.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
P. H. Fleming.....	Engineer.....	73	Engineer.
John Cook.....	Fireman.....	75	Stoker.
B. B. Lawrence.....	Teamster.....	74	Driver.
MEMBERS AT CALL.			
John O'Neil.....	Lamplighter.....	76	Foreman.
Eugene O'Connor.....	Marbleworker.....	77	Assistant Foreman.
Edward O'Neil.....	Lamplighter.....	80	Hoseman.
Bryan Burns.....	Teamster.....	79	"
Thos. Barry.....	Shoemaker.....	82	"
John R. Thompson.....	Brass-finisher.....	83	"
John Schath.....	Shoemaker.....	84	"
Henry C. Lahnsen.....	Painter.....	78	"
Samuel Kennard.....	Machinist.....	81	"

ENGINE COMPANY No. 8.

Location—Pacific street, between Polk and Van Ness avenue.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
A. B. Brandt.....	Engineer.....	86	Engineer.
Charles Nolan.....	Painter.....	88	Stoker.
Richard Colburn.....	Teamster.....	87	Driver.
MEMBERS AT CALL.			
James Grady.....	Clerk.....	85	Foreman
Richard Courtier.....	Clerk.....	89	Assistant Foreman.
Thomas Canty.....	Lamplighter.....	92	Hoseman.
James Crowley.....	Painter.....	90	"
Owen E. Hefferman.....	Collector.....	96	"
John Kiernan.....	Painter.....	94	"
Peter Goldstone.....	Butcher.....	95	"
John Mitchell.....	Machinist.....	93	"
H. S. Fisher.....	Collector.....	91	"

COMPANY STATISTICS.

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ENGINE COMPANY No. 9.

Location—Main street, near Folsom.

NAMES.	OCCUPATION	NO. BADGE.	RANK.
Wm. E. Douglas.....	Machinist.....	98	Engineer.
Wm. H. Davis.....	Telegraph operator.....	99	Stoker.
John J. McKnight.....	Teamster.....	100	Driver.
MEMBERS AT CALL.			
P. H. Shaughnessy.....	Steam-fitter.....	97	Foreman.
James H. Lennon.....	File-cutter.....	101	Assistant Foreman.
John Donahue.....	File-cutter.....	102	Hoseman.
Frank Johnson.....	Lamplighter.....	103	"
Henry Ryder.....	Shoemaker.....	104	"
John O'Brien.....	Barkeeper.....	105	"
John P. Reimers.....	Candle-maker.....	106	"
John Hewston.....	Clerk.....	108	"
Joseph Currington.....	Engineer.....	107	"

ENGINE COMPANY No. 10.

Location—Bryant street, between Third and Fourth.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
L. Curry.....	Engineer.....	110	Engineer.
P. McNamara.....	Machinist.....	112	Stoker.
J. Allen.....	Teamster.....	111	Driver.
MEMBERS AT CALL.			
J. D. Lennon.....	Boxmaker.....	109	Foreman.
L. Lauder.....	Hay and Grain Dealer.....	113	Assistant Foreman.
J. Buckley.....	Saloon-keeper.....	118	Hoseman
C. Tracey.....	Boiler-maker.....	116	"
J. McCauley.....	Plasterer.....	119	"
C. Quigley.....	Saloon-keeper.....	115	"
A. Davis.....	Carpenter.....	120	"
M. Curran.....	Blacksmith.....	117	"
J. Campbell.....	Boiler-maker.....	114	"

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ENGINE COMPANY No. 11.

Teneriffe street, near Railroad avenue.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
John Jackson.....	Engineer.....	196	Engineer.
Edward Sweeney.....	Barkeeper.....	197	Stoker.
Edw. Mandeville.....	Teamster.....	198	Driver.
MEMBERS AT CALL.			
John Maholy.....	Horseshoer.....	199	Foreman.
John Ford.....	Butcher.....	200	Assistant Foreman.
Charles Smith.....	Butcher.....	201	Hoseman.
Chris. Windrow.....	Butcher.....	202	"
Joseph Hoare.....	Pyrotechnist.....	203	"
Thos. McTernan.....	Blacksmith.....	206	"
Patrick Leahaney.....	Harness-maker.....	204	"
Owen Crumney.....	Butcher.....	205	"
Chris. Koerner.....	Butcher.....	207	"

ENGINE COMPANY No. 12.

Location—Corner Commercial and Drumm.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Louis Kiehl.....	Engineer.....	248	Engineer.
George Bailey.....	Teamster.....	250	Stoker.
Edward Fleming.....	Teamster.....	249	Driver.
MEMBERS AT CALL.			
T. M. Fernandez.....	Plumber.....	247	Foreman.
Isidore Gurmendez.....	Harness maker.....	251	Assistant Foreman.
Bernard Donnelly.....	Fireman.....	256	Hoseman.
Wm. Lodge.....	Janitor.....	255	"
N. Barbetta.....	Fishdealer.....	254	"
James O'Connor.....	Clerk.....	253	"
T. Tierney.....	Stevedore.....	252	"
E. Gouvi.....	Cigar maker.....	258	"
W. Stobing.....	Drayman.....	257	"

ENGINE COMPANY No. 13.

Location—Valencia street, between Twenty-fourth and Twenty-fifth streets.

NAMES.	OCCUPATION.	NO. BADGE.	RANK
L. J. Small.....	Engineer.....	286	Engineer.
J. W. Tully.....	Clerk.....	287	Stoker.
J. C. Castle.....	Teamster.....	288	Driver.
MEMBERS AT CALL.			
Thos. Cavanagh.....	Calker.....	289	Foreman.
John Windrow.....	Butcher.....	290	Assistant Foreman.
Chas. McMahon.....	Agent.....	291	Hoseman.
Maurice Barrett.....	Teamster.....	292	"
Thos. H. Gallagher.....	Teamster.....	293	"
James Walsh.....	Teamster.....	294	"
Richard Windrow.....	Saloon.....	295	"
Wm. St. Ahmant.	Agent.....	296	"
Henry F. Horn.....	Shoemaker.....	297	"

ENGINE COMPANY No. 14.

Location—McAllister street, between Buchanan and Webster.

NAMES.	OCCUPATION.	NO. BADGE.	RANK
Geo. W. Bridgewood.....	Engineer.....	298	Engineer.
Wm. E. Cunningham.....	Engineer.....	231	Stoker.
Henry McMahon.....	Teamster.....	224	Driver.
MEMBERS AT CALL.			
Thomas F. McCraith.....	Clerk.....	225	Foreman.
John J. McDonald.....	Teamster.....	229	Assistant Foreman.
Thos. Minton.....	Shoemaker.....	227	Hoseman.
John J. Welch.....	Painter.....	223	"
James Linegar.....	Painter.....	220	"
Hugh P. Powers.....	Butcher.....	226	"
Ferdinand Dietz.....	S. F. Gas Co.....	300	"
Edward Toellner.....	Teamster.....	299	"
James Maguire.....	Wire-worker.....	223	"

CHIEF ENGINEER'S REPORT.

ENGINE COMPANY No. 15.

Location—California street, between Laguna and Buchanan.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Thomas D. Bulger.....	Machinist.....	302	Engineer.
John Dougherty.....	Teamster.....	303	Stoker.
James J. Maloney.....	Teamster.....	304	Driver.
MEMBERS AT CALL.			
David A. Smith.....	Collector.....	301	Foreman.
Thomas R. Walsh.....	Clerk.....	305	Assistant Foreman
James Laydon.....	Harness-maker.....	306	Hoseman.
Edward Moran.....	Painting.....	307	"
John Finnegan.....	Clerk.....	308	"
Martin Warmouth.....	Blacksmith.....	309	"
Ellis M. Moss.....	Clerk.....	310	"
Gaston Goldsmith.....	Salesman.....	311	"
Timothy J. McCarthy.....	Clerk.....	312	"

HOSE COMPANY No. 1.

Location—Jackson street, between Front and Davis.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Conrad Botcher.....	Teamster.....	128	Driver.
John Lavaroni.....	Marble-cutter.....	129	Steward.
MEMBERS AT CALL.			
Sylvester Sullivan.....	Sign-hanger.....	121	Foreman.
John Doherty.....	Telegraph operator.....	122	Assistant Foreman.
George Burr.....	Lamplighter.....	123	Hoseman.
James Sullivan.....	Horse-shoer.....	124	"
Jacob Graber.....	Butcher.....	125	"
John Cromley.....	Lamplighter.....	126	"
John Donohue.....	Shoemaker.....	127	"

HOSE COMPANY No. 2.

Location—Post street, near Fillmore.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Thos. J. Hess.....	Painter.....	131	Driver.
James Talbot.....	Teamster...	132	Steward.
MEMBERS AT CALL.			
Con. Shine.....	Milkman.....	130	Foreman.
John Clements.....	Pressman.....	133	Assistant Foreman.
Thos. Meagher.....	Stevedore.....	134	Hoseman.
James Smith.....	Butcher.....	135	"
Thos. Goodman.....	Painter.....	136	"
Louis Cornart.....	Porter.....	137	"
David Eagan.....	Gasfitter.....	138	"

HOSE COMPANY No. 3.

Location—Folsom, between Twenty-first and Twenty-second streets.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
James L. Ward.....	Teamster.....	139	Driver.
Robert E. Counners.....	Moulder.....	140	Steward.
MEMBERS AT CALL.			
Isaac V. Denniston.....	Silver plater.....	141	Foreman
James Radford.....	Printer.....	142	Assistant Foreman.
Robert T. Browne.....	Whitener.....	143	Hoseman
James Bain.....	Machinist.....	144	"
John P. Adams.....	Gardener.....	145	"
James T. Kerrigan.....	Shoemaker.....	146	"
Samuel E. Kennard.....	Tanner.....	147	"

HOSE COMPANY No. 4.

Location—Stockton street, near Greenwich.

NAMES.	OCCUPATION	NO. BADGE.	RANK.
John Riley.....	Teamster.....	149	Driver.
John E. Chapman.....	Carpenter.....	150	Steward.
MEMBERS AT CALL.			
James Derham.....	Porter.....	148	Foreman
Frank H. Keene.....	Silver-plater.....	153	Assistant Foreman.
David A. Finn.....	Pressman.....	155	Hoseman.
William Derham.....	Salesman.....	156	"
Fred. Jackson.....	Upholsterer.....	154	"
James W. Brady.....	Metal roofer.....	151	"
Edwin Hayden.....	Salesman.....	152	

HOSE COMPANY No. 5.

Location—Market street, between Tenth and Eleventh streets.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Nathaniel H. Arnett.....	Teamster.....	157	Driver.
John McCormac.....	Teamster.....	158	Steward.
MEMBERS AT CALL.			
James Riley.....	Porter.....	159	Foreman.
William Mulcahy.....	Lamplighter.....	163	Assistant Foreman.
Joseph Tammatt.....	Porter.....	162	Hoseman.
John Cronin.....	Clerk.....	164	"
William Moran.....	Gasfitter.....	161	"
Joseph Sawyer.....	Plumber.....	160	"
William J. Shultz.....	Sailor.....	165	"

HOSE COMPANY No. 7.

Location—Tennessee, between Sierra and Napa streets.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
M. C. Sullivan.....	Teamster.....	259	Driver.
William Geddes.....	Engineer.....	260	Steward.
MEMBERS AT CALL			
M. McCoy	Ship calker	261	Foreman.
Pat. McCormack.....	Grocer.....	262	Assistant Foreman.
Terence Gaffney.....	Ship worker.....	263	Hoseman.
J. F. Crumey.....	Butcher.....	264	"
Charles Lovett.....	Blacksmith	265	"
Zach. Prentice.....	Saloon.....	266	"
M. Shute	Union Iron Works.....	267	"

HOSE COMPANY No. 8.

Location—Filbert street, between Webster and Fillmore.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
P. A. Ray	Teamster.....	270	Driver.
G. Lilly	Plumber.....	270	Steward.
MEMBERS AT CALL.			
I. J. Casebolt.....	Blacksmith.....	268	Foreman.
H. Schmidt.....	Teamster.....	271	Assistant Foreman.
J. McFarland.....	Porter.....	272	Hoseman.
J. Devlin.....	Hackman.....	273	"
P. Cantv.....	Lampighter.....	274	"
J. W. Munro.....	Blacksmith.....	275	"
L. H. Perry.....	Teamster	276	"

HOSE COMPANY No. 9.

(FIREBOAT.)

Location—Market street Wharf, foot of Market street.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Samuel Gardner	Shipwright	277	Driver.
Thomas Connor	Fireman	278	Steward.
MEMBERS AT CALL.			
Thomas Coleman	Porter	279	Foreman.
John H. Gillin	Harness maker	280	Assistant Foreman.
D. Toomey	Glass blower	281	Hoseman.
Edward Gallagher	Teamster	282	"
George R. Lawson	Sailmaker	283	"
James Matthews	Shoemaker	284	"
Patrick Stevens	Boatman	285	"

TRUCK COMPANY No. 1.

Location—O'Farrell street, west side of Dupont.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
H. V. McCue	Teamster	167	Driver.
J. J. Conlan	Printer	168	Tillerman.
MEMBERS AT CALL.			
Albin Rissland	Grocer	166	Foreman.
Richard Otto	Machinist	172	Assistant Foreman.
Robert S. Ray	Carpenter	169	Truckman.
Hugh Quinn	Box maker	171	"
John Crowley	Fireman	170	"
Michael Byron	Fireman	174	"
Samuel Salomon	Billposter	173	"
M. H. Hussey	Barkeeper	175	"
George H. Albers	Butcher	176	"
George W. Oakes	Carpet-layer	178	"
David Donahoe	Canmaker	179	"
Joseph Rice	Calker	177	"
Peter Thelan	Lamp lighter	180	"

TRUCK COMPANY No. 2.

Location—Broadway, between Dupont and Stockton.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Michael J. Nagle.....	Teamster	194	Driver.
Alfred C. Florance.....	Clerk.....	195	Tillerman.
MEMBERS AT CALL.			
Peter H. Fleming.....	Gasfitter.....	181	Foreman.
Stephen A. McGrath.....	Gasfitter.....	183	Assistant Foreman.
John F. Derham.....	Barkeeper.....	185	Truckman
Fred. Simmons.....	Surveyor.....	190	"
Peter Louideck.....	Florist.....	187	"
James Cumiskey.....	Mariner.....	184	"
Michael J. Hart.....	Plumber.....	182	"
James Adams.....	Laborer.....	191	"
Michael Powers.....	Laborer.....	185	"
Theord. B. Kentzell.....	Porter.....	192	"
George Williams.....	Clerk.....	189	"
William Finnigan.....	Porter.....	193	"
James Logan.....	Laborer.....	188	"

TRUCK COMPANY, No. 3.

Location—Market street, between Tenth and Eleventh street.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
David Kerrigan.....	Teamster	208	Driver.
George Silvey.....	Mariner.....	209	Tillerman.
MEMBERS AT CALL.			
William Waters.....	Painter.....	210	Foreman.
E. Kennedy.....	Speculator.....	211	Assistant Foreman.
S. Appel.....	Auctioneer.....	212	Truckman.
William Carew.....	Painter.....	213	"
F. Haskell.....	Special police.....	214	"
James McKittrick.....	Butcher.....	215	"
James Britt.....	Plumber.....	216	"
F. Frayne.....	Hostler.....	217	"
Jere Jones.....	Special police.....	218	"
William Hall.....	Shoemaker.....	219	"
F. Carew.....	Painter.....	220	"
H. Kaiser.....	Butcher.....	221	"
George Carew.....	Porter.....	222	"

TRUCK COMPANY No. 4.

Location—Pacific street, between Jones and Leavenworth street.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
Daniel J. Shea.....	Teamster	233	Driver.
Bartlett F. Jones.....	Tinsmith.....	234	Tillerman.
MEMBERS AT CALL.			
James W. Kentzel	Gasfitter.....	232	Foreman.
Charles Wolf.....	Salesman.....	235	Assistant Foreman.
William H. Kelly.....	Plumber.....	236	Truckman.
William Vaughn	Bagmaker.....	237	"
Stephen S. Balk	Porter.....	238	"
William Denike.....	Coppersmith.....	239	"
Edward Farrell.....	Tinsmith.....	240	"
John P. McCaull.....	Carpenter.....	241	"
Charles H. Mathews	Boxmaker.....	242	"
James H. Kelly	Tinsmith.....	243	"
S. Hilgerloh	Porter.....	244	"
Joseph Fox.....	Coppersmith	245	"
Henry O'Neil	Porter.....	246	"

TRUCK COMPANY, No. 5.

Location—Post street, near Fillmore.

NAMES.	OCCUPATION.	NO. BADGE.	RANK.
James Burns.....	Teamster	314	Driver.
William F. Otto.....	Painter.....	315	Tillerman.
MEMBERS AT CALL.			
Richard O'Conner.....	Collector	313	Foreman.
Hugh Reilly.....	Teamster.....	319	Assistant Foreman.
Hugh Smith.....	Porter.....	320	Truckman.....
Frank I. Carney	Machinist.....	321	"
James Gallagher.....	Shoemaker.....	322	"
Conrad Silvey.....	Hat-presser	323	"
William J. Hunt.....	Printer.....	324	"
William J. Johnson	Painter.....	325	"
James Halloran.....	Blacksmith.....	326	"
Henry Tucker	Gasfitter.....	327	"
Frank W. Becker.....	Shoemaker.....	316	"
John J. Garde.....	Shoemaker.....	317	"
Thomas O'Donnell	Master Plumber.....	318	"

APPENDIX

TO

CHIEF ENGINEER'S REPORT

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 1...	5.05 a. m...	19	317 Washington.....	Seed store.....	2 story frame
July 1...	5.05 a. m...	19	319 and 321 Washington.	Fruit store.....	2 story frame
July 1...	5.05 a. m...	19	323 Washington.....	Restaurant.....	2 story brick
July 2...	1.28 a. m...	286	2516 Bryant.....	Chinese wash-house.....	2 story frame
July 2...	10.49 a. m...	327	Rear No. 10 Johnson av.	Chicken-house.....	1 story frame
July 2...	10.49 a. m...	327	Rear No. 8 Johnson av..	Stable.....	2 story frame
July 2...	6.20 p. m ..	75	City Hall av.....	Grass and fence.....	.....
July 2...	7.56 p. m...	67	662 Harrison.....	Dwelling.....	.....
July 2...	11.26 p. m...	25	711 Dupont.....	Chinese store.....	3 story brick
July 3...	9.08 p. m...	68	Rear No. 16 Bluxome...	Dwelling.....	2 story frame
July 3...	9.08 p. m...	68	Rear No. 16 Bluxome...	Dwelling.....	2 story frame
July 3...	9.08 p. m...	68	Rear No. 16 Bluxome...	Dwelling.....	2 story frame
July 3...	9.08 p. m...	68	511 Brannan.....	Carriage hardware.....	2 story frame
July 3...	10.25 p. m...	137	Rear No. 908 Post.....	Dwelling.....	2 story frame
July 4...	10.42 a. m...	357	429½ Broadway.....	Dwelling.....	3 story frame
July 4...	12.47 p. m...	139	708 O'Farrell.....	Dwelling.....	2 story frame
July 4...	2.32 p. m...	284	3251 Mission.....	Dwelling.....	2 story frame
July 4...	3.11 p. m...	58	543 Howard.....	Saloon and dwelling.....	2 story frame
July 4...	3.18 p. m...	16	1214½ Powell.....	Dwelling.....	2 story frame
July 4...	3.18 p. m...	16	1214½ Powell.....	Dwelling.....	2 story frame
July 4...	4.18 p. m...	81	406 Gough.....	Dwelling.....	2 story frame
July 4...	8.45 p. m...	61	41 Everett.....	Dwelling.....	2 story frame
July 4...	9.03 p. m...	39	SW cor Howard & Spear.	Lumber yard.....	1 story frame
July 4...	9.06 p. m...	85	607 Linden av.....	Dwelling.....	2 story frame
July 4...	9.10 p. m...	92	1120 Golden Gate av....	Dwelling.....	2 story frame ...
July 4...	9.16 p. m...	13	NW cor Pacific & Davis.	Lodging-house.....	2 story frame
July 4...	9.16 p. m...	13	NW cor Pacific & Davis.	Barber shop.....	2 story frame
July 4...	9.16 p. m...	13	NW cor Pacific & Davis.	Tailor shop.....	2 story frame
July 4:	9.16 p. m...	13	NW cor Pacific & Davis.	Saloon.....	2 story frame
July 4...	9.16 p. m...	13	NW cor Pacific & Davis.	Grocery and saloon.....	2 story frame
July 4...	9.16 p. m...	13	NW cor Pacific & Davis.	Stationery store.....	2 story frame

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Spark from chimney.....	S. Brick.....	\$2,135 00	\$5,200 00	\$2,135 00
Spark from chimney.....	L. Dallman & Co	400 00	500 00	400 00
Spark from chimney.....	— Cooper.....	100 00	1,200 00	100 00
Defective chimney.....	Heng Lung.....	25 00	.....	.....
Fireworks	M. Martwell.....	10 00	.....	.....
Fireworks	H. Vorrath.....	15 00	.....	.....
Fireworks .....	.....	.....	.....	.....
Burning chimney.....	.....	.....	.....	.....
Fireworks	Fook Yuen & Co.....	10 00	.....	.....
Explosion coal oil lamp.....	Mrs. L. O'Brien.....	300 00	1,000 00	300 00
Explosion coal oil lamp.....	Mike Devine.....	100 00	.....	.....
Explosion coal oil lamp.....	M. Leonard.....	150 00	300 00	150 00
Explosion coal oil lamp.....	C. M. Hawley.....	25 00	.....	.....
Defective stove.....	C. Jurgens	421 50	5,500 00	421 50
Fireworks	James McCann	10 00	5,500 00	5 00
Fireworks	J. M. Roma.....	28 00	9,500 00	28 00
Fireworks	Mike Fay.....	20 00	2,000 00	20 00
Fireworks	Frank Jilek	83 00	2,300 00	83 00
Fireworks	F. Behrman	45 00	1,500 00	45 00
Fireworks	J. H. Bruhns.....	.....	800 00	.....
Fireworks	K. Morris.....	10 00	500 00	10 00
Fireworks	M. Jessie.....	5 00	.....	.....
Fireworks	Charles Doe.....	5 00	.....	.....
Fireworks	George Fichtun.....	5 00	.....	.....
Fireworks	G. Dorman.....	5 00	.....	.....
Fireworks	Ward Estate.....	220 00	.....	.....
Fireworks	A. Franklin.....	25 00	.....	.....
Fireworks	A. Franklin.....	50 00	.....	.....
Fireworks	P. O'Brien	800 00	.....	.....
Fireworks	Gus. Wetzel.....	61 00	1,800 00	61 00
Fireworks	J. H. Seadus.....	3 00	1,000 00	3 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 4..	9.16 p. m..	13	108 & 110 Pacific.....	Saloon and lodgings	2 story frame
July 4..	9.27 p. m..	49	SE cor Bush & Stockton.	Schoolhouse.....	3 story frame
July 4..	9.53 p. m..	276	Mission av bet 17th & 18th	Stable.....	1 story frame
July 5..	12.34 p. m..	72	1703 Howard.....	Dwelling.....	2 story frame
July 5..	12.34 p. m..	72	1703 Howard.....	Dwelling.....	2 story frame
July 5..	1.27 p. m..	245	1525 Scott.....	Dwelling.....	2 story frame
July 5..	1.42 p. m..	62	309 Minna.....	Dwelling.....	3 story frame
July 5..	1.42 p. m..	62	309 Minna.....	Lodging-house.....	3 story frame
July 5..	2.33 p. m..	81	313 Gough.....	Dwelling.....	2 story frame
July 5..	2.33 p. m..	81	313 Gough.....	Dwelling.....	2 story frame
July 5..	8.42 p. m..	73	223 & 225 Eighth.....	Dwelling.....	2 story frame
July 5..	9.07 p. m..	68	28 & 30 Zoe.....	Dwelling.....	2 story frame
July 5..	10.03 p. m..	64	408 Natoma.....	Dwelling.....	2 story frame
July 5..	10.03 p. m..	64	408 Natoma.....	Dwelling.....	2 story frame
July 5..	10.20 p. m..	283	Church and 28th.....	Shed.....	1 story frame
July 5..	10.44 p. m..	157	449 Tehama.....	Dwelling.....	2 story frame
July 5..	10.44 p. m..	157	449 Tehama.....	Dwelling.....	2 story frame
July 5..	10.44 p. m..	157	447 Tehama.....	Dwelling.....	2 story frame
July 5..	10.54 p. m..	213	1436 Bush.....	Dwelling.....	2 story frame
July 6..	8.15 a. m..	124	North Point.....	Dwelling.....	2 story frame
July 6..	10.53 a. m..	73	206 Seventh.....	Dwelling.....	2 story frame
July 6..	10.53 a. m..	73	206 Seventh.....	Dwelling.....	2 story frame
July 6..	10.53 a. m..	73	204 Seventh.....	Dwelling.....	2 story frame
July 6..	10.53 a. m..	73	204 Seventh.....	Dwelling.....	2 story frame
July 6..	9 12 p. m..	183	639 Minna.....	Dwelling.....	1 story frame
July 6..	9.12 p. m..	183	639 Minna.....	Dwelling.....	1 story frame
July 6..	9.12 p. m..	183	639 Minna.....	Dwelling.....	1 story frame
July 6..	9.12 p. m..	183	637 Minna.....	Dwelling.....	2 story frame
July 6..	9.12 p. m..	183	641 Minna.....	Dwelling.....	2 story frame
July 6..	9.12 p. m..	183	641 Minna.....	Dwelling.....	2 story frame
July 6..	9.12 p. m..	83	64 Minna.....	Dwelling.....	1 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Fireworks	Ward Estate	\$400 00	.....	.....
Fireworks	City and County.....	25 00	.....	.....
Fireworks	— Wilkie.....	5 00	.....	.....
Fireworks	James Phelan.....	50 00	\$2,000 00	\$50 00
Fireworks	C. Rosenberg.....	20 00	1,620 00	20 00
Fireworks	Mrs. Hund.....	50 00	.....	.....
Fireworks	R. Raymond	50 00	6,000 00	50 00
Fireworks	Mrs. Hanna and Davis..	10 00	1,800 00	10 00
Fireworks	B. Daniels.....	90 00	3,500 00	90 00
Fireworks	Wm. Vice	12 00	500 00	12 00
Fireworks	James Thompson.....	10 00	1,500 00	10 00
Fireworks	James Kane.....	5 00	.....	.....
Fireworks	Fuller Estate.....	5 00	.....	.....
Fireworks	Mrs. M. Smythe.....	10 00	800 00	10 00
Fireworks	Daniel Ward.....	5 00	.....	.....
Fireworks.....	John Brady.....	600 00	.....	.....
Fireworks.....	Eli Prellen....	62 50	200 00	62 50
Fireworks.....	P. Cahill.....	50 00	625 00	50 00
Fireworks.....	Mrs. Barry.	20 00	1,050 00	20 00
Fireworks.....	Quong Kee.....	40 00	1,500 00	40 00
Fireworks.. ..	T. Enwright.....	20 00	1,950 00	20 00
Fireworks.....	Mitchel Schwartz.....	10 00	1,000 00	10 00
Fireworks... ..	T. Enwright.....	50 00	1,950 00	50 00
Fireworks.....	A. Michaels....	5 00	500 00	.....
Explosion of coal oil lamp.....	Mrs. S. Shadde.....	389 60	2,000 00	389 60
Explosion of coal oil lamp.....	Charles Burns.....	300 00	.....	.....
Explosion of coal oil lamp.....	William Courtney.....	265 00	300 00	265 00
Explosion of coal oil lamp.....	Mrs. S. Shadde.....	10 00	2,000 00	10 00
Explosion of coal oil lamp.....	Mrs. S. Shadde.....	171 00	300 00	171 00
Explosion of coal oil lamp.....	Edward Gregg	100 00	.....	.....
Explosion of coal oil lamp.....	Mrs. Brown.....	6 75	875 00	6 75

CHIEF ENGINEER'S REPORT.

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 6...	9.12 p. m...	183	Rear 639-641 Minna street	Dwelling.....	1 story frame
July 6...	9.12 p. m...	183	Rear 639-641 Minna street	Dwelling.....	1 story frame
July 6...	9.12 p. m...	183	Rear 639-641 Minna street	Dwelling.....	1 story frame
July 7...	1.27 p. m...	34	Spear street.....	Box factory.....	2 story frame
July 7...	3.19 p. m...	46	430 to 434 Bush street...	Dry House.....	1 story frame
July 7...	3.19 p. m...	46	430 to 434 Bush street...	Restaurant.....	1 story frame
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Lodging-house.....	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	8.05 p. m...	15	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	8.05 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Clothing manufactory...	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwelling.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick.....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Explosion of coal oil lamp.....	Mrs. S. Shadle.....	\$73 00	\$100 00	\$73 00
Explosion of coal oil lamp.....	A. V. Doane.....	200 00	.....	.....
Explosion of coal oil lamp.....	F. A. Roberts.....	150 00	.....	.....
Steam-pipe burst	Fulda Bros .....	.....	.....	.....
Defective dry room.....	A. Bertin	2,200 00	1,900 00	1,200 00
Defective dry room.....	J. B. Pons.....	16 05	500 00	16 05
Explosion of coal oil lamp.....	John Sullivan	4,700 00	5,000 00	4,700 00
Explosion of coal oil lamp... ..	Yet Fong.....	261 27	300 00	261 27
Explosion of coal oil lamp.....	Yet Ping.....	381 55	450 00	381 55
Explosion of coal oil lamp.....	Wong Cheong.....	200 00	400 00	200 00
Explosion of coal oil lamp.....	Lee Ling.....	253 25	1,100 00	253 25
Explosion of coal oil lamp.....	Con Fung	256 30	300 00	266 30
Explosion of coal oil lamp.....	Wong Gow.....	660 80	700 00	660 80
Explosion of coal oil lamp.....	Lam See.....	261 50	300 00	261 50
Explosion of coal oil lamp.....	Look Chin.....	210 00	650 00	210 00
Explosion of coal oil lamp.....	Sing Ho	40 00	200 00	40 00
Explosion of coal oil lamp... ..	Look Jay.....	200 00	200 00	200 00
Explosion of coal oil lamp.....	Fon Kin.....	175 00	200 00	175 00
Explosion of coal oil lamp.....	Oy Cum	125 00	200 00	125 00
Explosion of coal oil lamp.....	Wong Sing.....	335 00	700 00	335 00
Explosion of coal oil lamp... ..	Greenebaum.....	60 00	2,000 00	60 00
Explosion of coal oil lamp.....	Nong Jae.....	300 00	300 00	300 00
Explosion of coal oil lamp.....	Nong Kee & Co.....	645 00	800 00	645 00
Explosion of coal oil lamp.....	Ling Nie.....	300 00	500 00	300 00
Explosion of coal oil lamp.....	Ah You	400 00	500 00	400 00
Explosion of coal oil lamp.....	Ah More.....	210 00	250 00	210 00
Explosion of coal oil lamp.....	Chung Foon.....	120 00	200 00	120 00
Explosion of coal oil lamp.....	Ah Yuen....	350 00	350 00	350 00
Explosion of coal oil lamp.....	Ah Kin.....	175 00	200 00	175 00
Explosion of coal oil lamp.....	Choey Yen.....	250 00	400 00	250 00
Explosion of coal oil lamp.....	Con Lee....	98 68	300 00	98 68

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	26	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Baker and Sullivan alley	Dwellings.....	3 story brick
July 8...	7.43 p. m...	25	Cum Cook & Sullivan al.	Chinese stores.....	2 story brick
July 8...	7.43 p.m. ...	25	Cum Cook & Sullivan al.	Dwelling.....	2 story brick
July 8...	7.43 p. m...	25	Cum Cook & Sullivan al.	Dwelling.....	2 story brick
July 8...	7.43 p. m...	25	1017 Dupont.....	Chinese store.....	2 story brick
July 8...	7.43 p. m...	25	1025 Dupont.....	Chinese store.....	2 story brick
July 8...	9.12 p. m...	38	506 Market.....	Stores.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Cap factory.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Neck-tie factory....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Fancy goods.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Glove factory.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Cigar factory	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Fancy goods.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Feather goods.....	{ 2 story frame and brick }
July 8...	9.12 p. m...	38	506 Market.....	Restaurant	{ 2 story frame and brick }

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Explosion of coal oil lamp.....	Sing You.....	\$35 95	\$200 00	\$35 95
Explosion of coal oil lamp.....	Ah Lung.....	85 00	300 00	85 00
Explosion of coal oil lamp.....	To Bark.....	400 00	400 00	400 00
Explosion of coal oil lamp.....	Lee Sing.....	1,100 00	1,300 00	1,100 00
Explosion of coal oil lamp.....	Lo Hoey.....	32 00	100 00	32 00
Explosion of coal oil lamp.....	Choey Foon.....	150 00	225 00	150 00
Explosion of coal oil lamp.....	Trans Lieve.....	42 00	1,500 00	42 00
Explosion of coal oil lamp.....	Tong Chin.....	294 00	300 00	294 00
Explosion of coal oil lamp.....	Ah Say.....	200 00	300 00	200 00
Explosion of coal oil lamp.....	Low Yan.....	185 00	200 00	185 00
Explosion of coal oil lamp.....	Sun Yuen.....	100 00	400 00	100 00
Explosion of coal oil lamp.....	Chow Far.....	160 00	400 00	160 00
Explosion of coal oil lamp.....	Hoey Cheong.....	200 00	200 00	200 00
Explosion of coal oil lamp.....	Chow Yeck.....	375 00	500 00	375 00
Explosion of coal oil lamp.....	Nyon Lew.....	200 00	200 00	200 00
Explosion of coal oil lamp.....	Wong Ho Wong.....	350 00	350 00	350 00
Explosion of coal oil lamp.....	Yet Gow.....	300 00	300 00	300 00
Explosion of coal oil lamp.....	Cum Cook Yuen.....	20 00	4,200 00	20 00
Explosion of coal oil lamp.....	Ah Moore.....	100 00	200 00	100 00
Explosion of coal oil lamp.....	Ah Fung.....	320 00	1,000 00	320 00
Explosion of coal oil lamp.....	Man Yeck.....	40 00	5,000 00	40 00
Explosion of coal oil lamp.....	Sun Hung Queen & Co....	10 00	4,750 00	10 00
Unknown.....	L. Kohn.....	500 00	.....	.....
Unknown.....	L. Krueger.....	1,500 00	4,000 00	1,500 00
Unknown.....	J. N. Makins.....	500 00	1,800 00	500 00
Unknown.....	G. Silberman.....	1,500 00	3,500 00	1,500 00
Unknown.....	M. Berger.....	40 00	1,000 00	40 00
Unknown.....	R. H. Kuyland.....	.....	.....	.....
Unknown.....	L. Rosenberg.....	29 30	300 00	29 30
Unknown.....	W. C. Read.....	15 00	1,000 00	15 00
Unknown.....	Waechter & Simi.....	10 00	500 00	10 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 8...	3.12 p. m...	38	506 Market.....	Saloon.....	{ 2 story frame } { and brick }
July 8...	9.12 p. m...	38	506 Market.....	Saloon and dwelling	{ 2 story frame } { and brick }
July 8...	1.05 p. m...	62	357 1/2 Minna.....	Dwelling.....	2 story frame
July 9...	5.24 p. m...	65	442 Minna.....	Dwelling.....	.....
July 11..	11.22 p. m...	63	832 Harrison.....	Dwelling.....	3 story frame
July 13..	3.05 p. m...	91	316 Turk.....	Dwelling.....	2 story frame
July 13..	3.05 p. m...	91	316 Turk.....	Dwelling.....	2 story frame
July 14..	12.56 a. m...	137	Rear 826 Geary.....	Fence and building.....	.....
July 15..	2.33 a. m...	56	24 Stanley place....	Dwelling.....	2 story frame
July 19..	4.16 a. m...	25	841-847 Washington....	Chinese house.....	4 story brick.
July 19..	4.16 a. m...	25	841-847 Washington....	Chinese store.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Cigar box factory..	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Wood yard.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	841-847 Washington....	Dwelling.....	4 story brick
July 19..	4.16 a. m...	25	912 Stockton.....	Shirt factory	2 story brick
July 19..	4.16 a. m...	925	914 Stockton.....	Clothing factory.....	2 story frame
July 19..	4.16 a. m...	25	914 Stockton.....	Clothing factory.....	2 story frame
July 19..	4.16 a. m...	25	Rear 914 Stockton....	Water tank.....	2 story frame
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling..	3 story frame
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling.....	3 story frame....
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling.....	3 story frame....
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling.....	story frame....
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling.....	story frame....

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	Geo. Butler.....	\$140 00	\$3,500 00	\$140 00
Unknown	Chris. Smidt.....	35 00	1,100 00	35 00
Wooden ash box	Mrs. McGinn	5 00	.....	.....
Burning chimney.....	.....	.....	.....	.....
Explosion of coal oil lamp.....	Alfred Ambler.....	75 00	.....	.....
Carelessness with matches	Moses Heller	10 00	5,000 00	.....
Carelessness with matches	L. Emanuel.....	206 00	6,000 00	206 00
Hot ashes.	P. Monnier.....	10 00	3,000 00	10 00
Incendiary.....	Mrs. W. Winslow.....	70 00	1,800 00	50 00
Unknown	G. Mitchler.....	800 00	8,000 00	800 00
Unknown	Chuen Yuen.....	850 00	5,200 00	850 00
Unknown	Wong Min Kee	72 00	400 00	72 00
Unknown	Cheong Yu.....	22 50	350 00	22 50
Unknown	Chow Sue	170 00	400 00	170 00
Unknown	Ah Look.....	150 50	200 00	150 00
Unknown	Wong Wing	140 00	900 00	140 00
Unknown	Chung Yuen.....	150 00	200 00	150 00
Unknown	Cum Ho.....	275 00	400 00	274 00
Unknown	Song Yo.....	250 00	300 00	250 00
Unknown	Cum Fin	261 90	300 00	261 90
Unknown	Wong Kon Gook.....	173 80	200 00	173 80
Unknown	Mau Tuck Queung.....	500 00	500 00	500 00
Unknown	Gee Hop.....	325 00	1,500 00	275 00
Unknown	Quang Moo Lee	1,000 00	500 00	500 00
Unknown	Ah Haw.....	500 00	.....	.....
Unknown	Tong Quen & Co.....	100 00	.....	.....
Unknown	Estate of Johanna Tessier	1,910 00	2,000 00	1,910 00
Unknown	Gin Ding.....	35 00	250 00	35 00
Unknown	Lee Hop Kee	25 00	1,000 00	25 00
Unknown	Toy Ling Hong	40 00	200 00	40 00
Unknown	Buck Kin and Ching Sing.	225 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
July 19..	4.16 a. m...	25	916 Stockton.....	Dwelling.....	3 story frame....
July 19..	4.16 a. m...	25	918 Stockton.....	Clothing factory.....	2 story frame....
July 19..	4.16 a. m...	25	918 Stockton.....	Clothing factory.....	2 story frame....
July 19..	4.16 a. m...	25	918 Stockton.....	Clothing factory.....	2 story frame....
July 19..	4.16 a. m...	25	918 Stockton.....	Laundry	2 story frame....
July 19..	4.16 a. m...	25	920 Stockton.....	.....	2 story frame....
July 19..	4.16 a. m...	25	920 Stockton.....	Shirt factory.....	2 story frame....
July 19..	4.16 a. m...	25	920 Stockton.....	Cigar factory.....	2 story frame....
July 19..	4.16 a. m...	25	920 Stockton.....	Laundry	2 story frame. .
July 19..	4.16 a. m...	25	920 Stockton.....	Clothing factory....	2 story frame....
July 19..	4.16 a. m...	25	920 Stockton.....	Wood yard.....	2 story frame....
July 19..	4.16 a. m...	25	924 Stockton.....	.....	2 story brick....
July 19..	4.16 a. m...	25	924 Stockton.....	Clothing factory	2 story brick....
July 19..	4.16 a. m...	25	924 Stockton.....	Clothing factory....	2 story brick....
July 19..	4.16 a. m...	25	924 Stockton.....	Clothing factory....	2 story brick....
July 19..	4.16 a. m...	25	924 Stockton.....	Clothing factory....	2 story brick....
July 19..	4.16 a. m...	25	829 Washington.....	.....	2 story brick....
July 19..	4.16 a. m...	25	829 Washington.....	Clothing factory....	2 story brick....
July 19..	4.16 a. m...	25	22 Spofford alley.....	.....	2 story brick....
July 23..	4.43 a. m...	145	SE cor 15th and Folsom.	Tannery.....	2 story frame....
July 23..	11.36 a. m...	352	Section 2 sea-wall.....	Storage yard.....	.....
July 24..	1.00 a. m...	271	413 Sanchez.....	Dry house.....	1 story frame....
July 24..	6.05 p. m...	58	11 Baldwin court.....	Dwelling.....	2 story frame....
July 25..	6.05 p. m...	58	9 Baldwin court.....	Dwelling.....	2 story frame....
July 27..	12.43 a. m...	182	Fifth and King.....	Freight House....	1 story frame....
July 31..	3.12 a. m...	15	36 to 40 Clay.....	.....	2 story brick....
July 31..	3.12 a. m...	15	36 to 40 Clay.....	Junk store.....	2 story brick....
July 31..	3.12 a. m...	15	36 to 40 Clay.....	Bag factory....	2 story brick....
July 31..	3.12 a. m...	15	36 to 40 Clay.....	Hardware store.....	2 story brick....
Aug. 1..	6.00 p. m...	152	O'Hara and Alameda..	Unoccupied.....	1 story brick....
Aug. 3..	8.55 p. m...	182	627 Brannan....	Stable.....	2 story brick....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	Lin Cum.....	\$100 00	.....	.....
Unknown	Hop Wo.....	\$1,625 00	\$300 00	\$135 00
Unknown.....	Greenebaum, Weil & M...	600 00	740 00	600 00
Unknown	Brow Bros.....	592 80	592 80	592 80
Unknown	Lo Gee.....	400 00	.....	.....
Unknown	Mrs. J. P. Anthony.....	1,000 00	1,000 00	1,000 00
Unknown	Ah Park.....	50 00	.....	.....
Unknown	Lee Tong.....	1,000 00	.....	.....
Unknown	Ah Choy.....	100 00	.....	.....
Unknown	Mon Hing	200 00	.....	.....
Unknown	Wing Hing	50 00	.....	.....
Unknown	G. Mitsler	250 00	2,000 00	250 00
Unknown	Jar Die.....	21 00	200 00	21 00
Unknown	Tuch Lung .	743 65	1,000 00	743 65
Unknown	Greenebaum, Weil & M...	268 03	700 00	268 03
Unknown	Chong Kim.....	150 00	200 00	150 00
Unknown	J. F. Cavagnaro	25 00	2,500 00	25 00
Unknown	Wing Hop.....	40 00	1,000 00	40 00
Unknown	Gee Hing Tong	125 00	3,000 00	125 00
Defective furnace	A. B. Patrick.....	19,770 11	22,500 00	19,770 11
Boy with matches	Whitelaw.....	50 00	.....	.....
Defective dry-house.....	Raymond & Squire.....	75 00	.....	.....
Spark from Chimney	P. Murphy	187 00	500 00	87 00
Spark from chimney.....	P. McLaffery	36 00	600 00	36 00
Spark from locomotive .....	.....	2,300 00	.....	.....
Spontaneous combustion.....	J. B. Thomas.....	384 00	5,000 00	384 00
Spontaneous combustion.....	Reichert & Co.....	750 00	1,000 00	750 00
Spontaneous combustion.....	Joseph Levy.....	700 00	2,000 00	700 00
Spontaneous combustion.....	Jaffe & Meyer.....	100 00	5,300 00	100 00
Incendiary	S. F. Candle Works	75 00	.....	.....
Unknown	Reno & Co.....	595 00	500 00	95 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Aug. 3..	8.55 p. m...	182	625 Brannan.....	Dwelling.....	2 brick. story....
Aug. 4..	5.05 p. m...	58	515 Folsom.....	Dwelling.....	.....
Aug. 5..	9.27 p. m...	82	.....	.....	.....
Aug. 6..	8.03 a. m...	352	Section 2 sea-wall.....	Ship.....	.....
Aug. 12.	12.45 p. m...	25	6 Waverly Place.....	Dwelling.....	2 story brick....
Aug. 12.	3.56 p. m...	52	Rear 311 & 315 Mission..	Machine shop.....	1 story brick....
Aug. 14.	1.17 a. m...	75	1049 Market.....	.....	2 story brick....
Aug. 14.	1.17 a. m...	75	1049 Market.....	Publishers.....	2 story brick....
Aug. 16.	3.35 a. m...	156	700 Fourth.....	Hay barn.....	2 story frame....
Aug. 16.	3.35 a. m...	156	700 Fourth.....	Saloon.....	2 story frame....
Aug. 16.	3.35 a. m...	156	700 Fourth.....	Hay barn.....	2 story frame....
Aug. 20.	12.53 a. m...	172	.....	.....	.....
Aug. 20.	7.55 p. m...	139	625 O'Farrell.....	Dwelling.....	2 story frame....
Aug. 20.	7.55 p. m...	139	623 O'Farrell.....	Dwelling	2 story frame....
Aug. 21.	2.44 p. m...	156	204 Berry.....	Chinese Laundry	1 story frame....
Aug. 21.	2.44 p. m...	156	206 Berry.....	Storage for Coal Oil.....	1 story frame....
Aug. 21.	2.44 p. m...	156	206 Berry.....	Storage for Coal Oil.....	1 story frame....
Aug. 21.	2.44 p. m...	156	208 Berry..	Tule factory.....	1 story frame....
Aug. 21.	2.44 p. m...	156	NW. cor. Berry and 4th.	Saloon.....	2 story frame....
Aug. 21.	2.44 p. m...	156	744 Fourth.....	Grocery and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	576 Brannan.....	Machine shop.....	2 story frame....
Aug. 21.	6.19 p. m...	68	576 Brannan.....	Furniture factory	2 story frame....
Aug. 21.	7.05 p. m...	68	576 Brannan.....	Tools.....	2 story frame....
Aug. 21.	6.09 p. m...	68	NE. cor. Brannan & 5th.	Hotel.....	3 story frame....
Aug. 21.	6.09 p. m...	68	556 to 572 Brannan.....	Planing mill	3 story frame....
Aug. 21.	6.09 p. m...	68	556 to 572 Brannan.....	Furniture factory.....	3 story frame....
Aug. 21.	6.09 p. m...	68	556 to 572 Brannan.....	Tools.....	3 story frame....
Aug. 21.	6.09 p. m...	68	560 Brannan.....	Boarding-honse	3 story frame....
Aug. 21.	6.09 p. m...	68	560 Brannan.....	Lumber.....	3 story frame....
Aug. 21.	6.09 p. m...	68	562 and 564 Brannan....	Storehouse	2 story frame....
Aug. 21.	6.09 p. m...	68	566 Brannan.....	Dwelling and Saloon	2 story frame....

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	Mrs. A. Webber.....	\$723 00	\$1,325 00	\$723 00
Burning chimney.....	.....	.....	.....	.....
False .....	.....	.....	.....	.....
Carelessness with lamp.....	.....	10 00	.....	.....
Cigarette smoking.....	Mrs. Kenter	125 00	300 00	25 00
Spark from smoke-stack.....	D. Bingham	25 00	700 00	25 00
Unknown	Mrs. Jane Leman.....	25 00	1,500 00	25 00
Unknown	Diepebrock & Bro.....	900 00	6,500 00	900 00
Unknown	Louder Bro.....	550 00	1,200 00	550 00
Unknown	John Douglas	100 00	1,500 00	100 00
Unknown	Louder Bro.....	.....	1,200 00	.....
False.....	.....	.....	.....	.....
Unknown.....	Mrs. C. Moore.....	900 00	4,000 00	900 00
Unknown.....	Mrs. C. Moore.....	356 00	10,500 00	356 00
Defective China wash-house.....	You Lee.....	500 00	.....	.....
Defective China wash-house.....	B. F. Joice.....	550 00	.....	.....
Defective China wash-house.....	William Phoedios.....	250 00	.....	.....
Defective China wash-house.....	W. Allard Tool Co.....	450 00	.....	.....
Defective China wash-house.....	P. Curran	50 00	.....	.....
Defective China wash-house.....	Chris. Decker.....	120 00	.....	.....
Defective smoke-stack.....	J. H. Small	36,000 0	2,000 00	2,000 00
Defective smoke-stack.....	Prichling & Snyder.....	2,000 00	1,500 00	1,500 00
Defective smoke-stack.....	C. N. Andrews.....	250 00	250 00	250 00
Defective smoke-stack.....	Edward Stortzer.....	3,500 00	2,500 00	2,500 00
Defective smoke-stack.....	W. B. Bradbury.....	23,000 00	.....	.....
Defective smoke-stack.....	Gilbert & Moore.....	10,000 00	8,750 00	8,750 00
Defective smoke-stack.....	Hacty & Heubuer	550 00	550 00	550 00
Defective smoke-stack.....	Fritz Grill.....	7,000 00	3,750 00	3,750 00
Defective smoke-stack.....	Becker & Dillman	1,000 00	.....	.....
Defective smoke-stack.....	Becker & Dillman	5,500 00	1,500 00	1,500 00
Defective smoke-stack.....	Fritz Grill.....	3,000 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Aug. 21.	6.09 p. m...	68	537 Brannan.....	Dwelling and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	537 Brannan.....	Dwelling and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 537 Brannan.....	Dwelling and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 537 Brannan.....	Dwelling and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 537 Brannan.....	Lumber.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 537 Brannan.....	Mattress factory.....	1 story frame....
Aug. 21.	6.09 p. m...	68	575 Brannan.....	Office and Lumber yard...	1 story frame....
Aug. 21.	6.09 p. m...	68	SE. cor. 5th and Brannan	Office and Lumber yard...	1 story frame....
Aug. 21.	6.09 p. m...	68	537 Fifth street..	Dwelling and Saloon.....	2 story frame....
Aug. 21.	6.09 p. m...	68	531 to 535 Brannan.....	Furniture factory.....	3 story frame....
Aug. 21.	6.09 p. m...	68	539 Brannan	Cornice factory.....	2 story frame....
Aug. 21.	6.09 p. m...	68	541 and 543 Brannan...	Marble yard.....	3 story frame....
Aug. 21.	6.09 p. m...	68	545-547 Brannan.....	Furniture factory.....	3 story frame....
Aug. 21.	6.09 p. m...	68	549 Brannan.....	Tool factory.....	1 story frame....
Aug. 21.	6.09 p. m...	68	529 Brannan.....	Rubber goods.....	1 story frame....
Aug. 21.	6.09 p. m...	68	515 to 519 Brannan.....	Box factory.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 575-579 Brannan..	Lumber.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 575-579 Brannan..	Stable.	1 story frame....
Aug. 21.	6.09 p. m...	68	Rear 575-579 Brannan..	Machine shop.....	1 story frame....
Aug. 21.	6.09 p. m...	68	767-765 Bryant	Soda Works.....	.....
Aug. 21.	6.09 p. m...	68	Bryant	Lumber yard.....	.....
Aug. 21.	6.09 p. m...	69	131 Freelon street.....	Dwelling.....	3 story frame....
Aug. 21.	6.09 p. m...	68	140 Freelon street.....	Dwelling.....	3 story frame....
Aug. 21.	6.09 p. m...	68	140 Freelon.....	Dwelling.....	3 story frame....
Aug. 21.	6.09 p. m...	68	Rear 140 Freelon.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 140 Freelon.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 140 Freelon.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	138 Freelon.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	140-144 Freelon.	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	140-144 Freelon.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	120 Freelon.....	Furniture factory.....	3 story frame....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Defective smoke-stack.....	G. R. Richardson.....	\$200 00	\$2,500 00	\$200 00
Defective smoke-stack.....	C. Brown.....	150 00	.....	.....
Defective smoke-stack.....	G. R. Richardson.....	300 00	300 00	300 00
Defective smoke-stack.....	Mrs. Kennedy.....	250 00	.....	.....
Defective smoke-stack.....	Gilbert & Moore.....	350 00	.....	.....
Defective smoke-stack.....	Alex. Jansen.....	2,000 00	2,000 00	2,000 00
Defective smoke-stack.....	G. H. Morrison.....	4,000 00	1,500 00	1,500 00
Defective smoke-stack.....	G. H. Morrison.....	3,200 00	.....	.....
Defective smoke-stack.....	John Wieland.....	2,090 00	2,100 00	2,090 00
Defective smoke-stack.....	Kreeling Bros.....	5,475 00	5,075 00	5,075 00
Defective smoke-stack.....	George W. Tucker.....	5,000 00	.....	.....
Defective smoke-stack.....	E. Dumontal.....	7,100 00	6,000 00	5,300 00
Defective smoke-stack.....	Fuchs & Euler.....	9,000 00	6,675 00	6,675 00
Defective smoke-stack.....	A. Kuhling.....	900 00	600 00	600 00
Defective smoke-stack.....	Goodyear Rubber Co....	12,000 00	.....	.....
Defective smoke-stack.....	Garrick, Williams & Wright	12,500 00	6,100 00	6,100 00
Defective smoke-stack.....	Garrick, Williams & Wright	5,000 00	4,000 00	4,000 00
Defective smoke-stack.....	Garrick, Williams & Wright	200 00	400 00	200 00
Defective smoke-stack.....	W. T. Garratt.....	100 00	.....	.....
Defective smoke-stack.....	J. Horstmann.....	2,050 00	7,000 00	1,950 00
Defective smoke-stack.....	Humboldt L. Co.....	500 00	10,000 00	500 00
Defective smoke-stack.....	Moses Ellis.....	10 00	500 00	10 00
Defective smoke-stack.....	Moses Ellis.....	340 00	500 00	340 00
Defective smoke-stack.....	M. Ward.....	250 00	.....	.....
Defective smoke-stack.....	Moses Ellis.....	400 00	250 00	250 00
Defective smoke-stack.....	Henry Anderson	200 00	.....	.....
Defective smoke-stack.....	— Curry.....	150 00	.....	.....
Defective smoke-stack.....	D. Sullivan.....	100 00	350 00	100 00
Defective smoke-stack.....	D. Sullivan.....	2,000 00	1,650 00	1,650 00
Defective smoke-stack.....	John Buckley.....	1,000 00	.....	.....
Defective smoke-stack.....	Becker & Dillman.....	7,000 00	4,500 00	4,500 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Aug. 21.	6.09 p. m...	68	22 Bluxome.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 22 Bluxome.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	54 Bluxome.....	Machinery.....	1 story frame....
Aug. 21.	6.09 p. m...	68	54 Bluxome.....	Machine shop.....	1 story frame....
Aug. 21.	6.09 p. m...	68	54 Bluxome.....	Machine shop.....	1 story frame....
Aug. 21.	6.09 p. m...	68	56 Bluxome.....	Machine shop.....	1 story frame....
Aug. 21.	6.09 p. m...	68	56 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	56 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	56 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	Rear 56 Bluxome.....	Stable.....	2 story frame....
Aug. 21.	6.09 p. m...	68	Rear 56 Bluxome.....	Stable.....	2 story frame....
Aug. 21.	6.09 p. m...	68	47 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	47 Bluxome.....	Storehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	49 Bluxome.....	Wool scouring.....	2 story frame....
Aug. 21.	6.09 p. m...	68	55-57 Bluxome.....	Warehouse.....	2 story brick....
Aug. 21.	6.09 p. m...	68	55-57 Bluxome.....	Warehouse.....	2 story brick....
Aug. 21.	6.09 p. m...	68	55-57 Bluxome.....	Warehouse.....	2 story brick....
Aug. 21.	6.09 p. m...	68	55-57 Bluxome.....	Warehouse.....	2 story brick....
Aug. 21.	6.09 p. m...	68	45 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	45 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	45 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	45 Bluxome.....	Warehouse.....	1 story frame....
Aug. 21.	6.09 p. m...	68	16 Bluxome.....	Dwelling.....	2 story frame....
Aug. 21.	6.09 p. m...	68	59 Bluxome.....	Stable.....	2 story frame....
Aug. 21.	6.09 p. m...	68	350 Townsend.....	Warehouse.....	1 story brick....
Aug. 21.	6.09 p. m...	68	350 Townsend.....	Agricultural implements..	1 story brick....
Aug. 21.	6.09 p. m...	68	360 Townsend.....	Wool scouring.....	1 story brick....
Aug. 21.	6.09 p. m...	68	NE cor Townsend & 5th.	.....	1 story brick....
Aug. 21.	10.30 p. m...	382	221 Waller.....	Dwelling.....	1 story frame....
Aug. 21.	0.53 p. m...	69	Rear 9 Zoe.....	Dwelling.....	2 story frame....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Defective smoke-stack.....	J. T. Hill.....	\$135 00	\$1,500 00	\$135 00
Defective smoke-stack.....	J. T. Hill.....	40 00	1,000 00	40 00
Defective smoke-stack.....	S. C. Alexander.....	5,000 00	5,000 00	5,000 00
Defective smoke-stack.....	H. W. Rice.....	2,400 00	.....	.....
Defective smoke-stack.....	E. Dye.....	1,500 00	.....	.....
Defective smoke-stack.....	H. W. Rice.....	8,400 00	8,400 00	8,400 00
Defective smoke-stack.....	Hawley Bros.....	104,500 00	100,750 00	100,750 00
Defective smoke-stack.....	Allyne & White.....	500 00	.....	.....
Defective smoke-stack.....	Baker & Hamilton.....	5,500 00	5,500 00	5,500 00
Defective smoke-stack.....	Allyne & White.....	650 00	1,000 00	650 00
Defective smoke-stack.....	Baker & Hamilton.....	.....	3,000 00	.....
Defective smoke-stack.....	Overland F. T. Co.....	2,677 55	8,500 00	2,677 55
Defective smoke-stack.....	Boca Brewing Co.....	300 00	.....	.....
Defective smoke-stack.....	L. Breslauer.....	6,531 00	14,400 00	6,531 00
Defective smoke-stack.....	Overland F. T. Co.....	475 00	4,000 00	475 00
Defective smoke-stack.....	Tillmann & Bendel.....	72 05	5,000 00	72 05
Defective smoke-stack.....	J. T. Cutting.....	3 25	2,500 00	3 25
Defective smoke-stack.....	O. F. & T. Co.....	39 00	1,500 00	39 00
Defective smoke-stack.....	O. F. & T. Co.....	1,000 00	1,000 00	1,000 00
Defective smoke-stack.....	Hawley Bros.....	5,000 00	5,000 00	5,000 00
Defective smoke-stack.....	Thomas Evans.....	9,454 40	9,000 00	9,000 00
Defective smoke-stack.....	W. U. Telegraph Co.....	300 00	.....	.....
Defective smoke-stack.....	Baker & Hamilton.....	300 00	.....	.....
Defective smoke-stack.....	Mrs. O'Brien.....	20 00	300 00	20 00
Defective smoke-stack.....	O. F. & T. Co.....	1,100 00	1,100 00	100 00
Defective smoke-stack.....	Whittier, Fuller & Co....	1,000 00	.....	.....
Defective smoke-stack.....	Marshall & Co.....	3,000 00	3,000 00	3,000 00
Defective smoke-stack.....	L. Walker & Son.....	5,602 00	9,500 00	5,602 00
Defective smoke-stack.....	F. L. Whitney.....	400 00	2,500 00	400 00
Explosion of coal oil lamp.....	Charles Shuppert.....	80 00	2,600 00	80 00
Explosion of coal oil lamp ..	John Martel.....	50 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Aug. 22.	3.13 a. m...	156	NW cor 4th and Berry..	Saloon.....	2 story frame
Aug. 23.	3.53 p. m...	126	1521 Jackson.....	Dwelling.....	2 story frame
Aug. 23.	3.53 p. m...	126	1519 Jackson.....	Dwelling.....	2 story frame
Aug. 25.	8.21 p. m...	25	737 Washington.....	Dwelling.....	2 story brick
Aug. 26.	2.16 a. m...	248	2000 McAllister.....	Hotel.....	2s tory frame
Aug. 27.	4.44 p. m...	153	1737 Harrison.....	Dwelling.....	.....
Aug. 28.	4.58 p. m...	64	438 Tehama.....	Dwelling.....	2 story frame
Aug. 28.	8.07 p. m...	26	327-329 Front.....	Commission-house	2 story brick
Aug. 29.	12.53 a. m...	158	360 Clementina.....	Dwelling.....	2 story frame
Aug. 30.	8.10 p. m...	158	317½ Fifth.....	Dwelling.....	.....
Aug. 31.	4.50 a. m...	24	925 Powell.....	Wood-shed.....	1 story frame
Sept. 2..	6.20 a. m...	238	Center and Nebraska..	Match factory.....	2 story frame
Sept. 2..	3.25 p. m...	47	865½ Market.....	Lodging-house.....	4 story frame
Sept. 3..	6.01 p. m...	13	Vallejo Street Wharf..	Tug-boat.....	.....
Sept. 4..	12.57 a. m...	7	1414 Dupont.....	Bakery.....	2 story brick
Sept. 4..	10.11 p. m...	8	536 Green.....	Dwelling.....	2 story frame
Sept. 6..	4.11 p. m...	217	Rear 2409 Sutter.....	Stable.....	1 story frame
Sept. 7..	4.20 a. m...	29	811 Stockton.....	Chinese lodgings.....	4 story frame
Sept. 8..	5.00 p. m...	37	9-11 Front.....	Drug store.....	3 story brick
Sept. 10.	11.56 a. m...	194	2010 Stockton.....	Dwelling.....	2 story frame
Sept. 11.	7.04 p. m...	238	.....	.....	.....
Sept. 12.	2.06 a. m...	32	SE cor Sac. & Drumm...	Dwelling.....	2 story frame
Sept. 12.	2.06 a. m...	32	SE cor Sac. & Drumm...	Dwelling.....	2 story frame
Sept. 14.	8.00 p. m...	71	116 Eleventh.....	Dwelling.....	2 story frame
Sept. 14.	8.00 p. m...	71	116 Eleventh.....	Dwelling.....	2 story frame
Sept. 17.	10.36 p. m...	62	156 Fourth.....	.....	.....
Sept. 18.	7.35 p. m...	178	1535-1539 Geary.....	Dwelling.....	3 story frame
Sept. 18.	7.35 p. m...	178	1535-1539 Geary.....	Barber shop.....	3 story frame
Sept. 18.	7.35 p. m...	178	1535-1539 Geary.....	Lodging-house.....	3 story frame
Sept. 18.	7.35 p. m...	178	1535-1539 Geary.....	Drug store.....	3 story frame....
Sept. 18.	7.35 p. m...	178	1529 Geary.....	Dwelling.....	2 story frame

FOR THE YEAR ENDING JUNE-30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Spark from Brannan street fire..	P. Curran	\$ 25 00	.....	.....
Spontaneous combustion.....	Mrs. R. Kaufman....	1,939 00	7,000 00	1,939 00
Spontaneous combustion.....	Edward Rooney	275 00	3,500 00	275 00
Carelessness with fire.....	Chow Get	30 00	5,700 00	30 00
Unknown	Lewis Blenis	37 00	1,500 00	37 00
Burning chimney.....	.....	.....	.....	.....
Burning chimney.....	.....	.....	.....	.....
Carelessness with candle..	W. C. Price & Co.....	925 00	3,500 00	925 00
Spontaneous combustion.....	B. Barry.....	10 00	.....	.....
Burning chimney.....	.....	.....	.....	.....
Wooden ash box.....	.....	75 00	.....	.....
Defective dry room.....	H. W. Newbaum.....	1,050 00	4,400 00	1,050 00
Spark from chimney.....	Mrs. J. Hallinan.....	25 00	8,000 00	25 00
Friction of steering gear..	Capt. Griffith	100 00	.....	.....
Defective oven.....	T. J. Chadbourne.....	225 60	6,000 00	225 60
Explosion of coal oil lamp.....	Nathan Joseph....	65 00	200 00	40 00
Children with matches	Ulshuler.	50	.....	.....
Carelessness with fire.....	Mrs. Sinclair.....	25 00	.....	.....
Supposed matches.....	J. J. Mack.....	5,030 00	119,500 00	5,030 00
Kettle of fat boiling over.....	F. A. Brooks.....	1 00	.....	.....
Bonfire.....	.....	.....	.....	.....
Defective chimney.....	Dr. C. Nelson.....	95 00	1,500 00	95 00
Defective chimney.....	P. G. Sundberg.....	22 90	200 00	22 90
Carelessness with matches..	Mrs. Simons.....	5 00	.....	.....
Carelessness with matches..	Sam Apple.....	23 25	500 00	23 25
Smoking out vermin.....	.....	.....	.....	.....
Wooden ash barrel.....	B. K. Dunn.....	550 00	3,000 00	550 00
Wooden ash barrel.....	J. Silver.....	10 00	500 00	.....
Wooden ash barrel.....	Mrs. O. Hilton.....	25 00	.....	.....
Wooden ash barrel.....	T. S. Morton.....	.....	1,125 00	.....
Wooden ash barrel.....	B. K. Dunn.....	10000	4,000 00	100 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Sept. 19.	7.19 p. m...	62	132 Fourth.....	Restaurant .....	.....
Sept. 20.	4.47 p. m...	123	1130 Green.....	Dwelling.....	.....
Sept. 26.	5.13 a. m...	46	319-323 Bush.....	Saloon.....	3 story brick....
Sept. 26.	5.13 a. m...	46	319-323 Bush.....	Tailor shop.....	3 story brick....
Sept. 26.	8.34 p. m...	75	1324-1332 Market...	Paper store.....	1 story brick....
Sept. 26.	8.34 p. m...	75	1324-1332 Market...	Fancy goods.....	1 story brick....
Sept. 27.	7.53 a. m...	32	NE cor Mission & Main.	Flour mill	2 story brick
Sept. 27.	6.02 p. m...	158	848 Folsom....	Dwelling.....	.....
Oct. 1...	9.36 p. m...	56	Frederick.....	Cooper shop.....	2 story brick....
Oct. 3...	12.38 a. m...	14	Vallejo and Stockton...	Dwelling.....	3 story frame
Oct. 4...	3.05 a. m...	149	Harrison nr 16th.	Engine and boiler house..	2 story frame
Oct. 6...	8.35 p. m...	16	1511-1513 Taylor.....	Dwelling.....	2 story frame
Oct. 6...	8.35 p. m...	16	1511-1513 Taylor.....	Dwelling.....	2 story frame
Oct. 6...	8.35 p. m...	16	1511-1513 Taylor.....	Dwelling.. ..	2 story frame
Oct. 6...	8.35 p. m...	16	1511-1513 Taylor.....	Dwelling.....	2 story frame
Oct. 8...	3.04 a. m...	96	311 O'Farrell.....	Wash-house.....	1 story frame
Oct. 8...	3.04 a. m...	96	309 O'Farrell.....	Dwelling.....	2 story frame
Oct. 8...	3.04 a. m...	96	309 O'Farrell.....	Dwelling.....	2 story frame
Oct. 8...	3.04 a. m...	96	313 O'Farrell.....	Dwelling.....	3 story frame
Oct. 8...	3.04 a. m...	96	313 O'Farrell	Dwelling.....	3 story frame
Oct. 8...	3.04 a. m...	96	220 O'Farrell.....	Lodging-house....	3 story frame
Oct. 9...	11.52 p. m...	21	644-646 Sacramento ...	Store-room.....	3 story brick....
Oct. 9...	11.52 p. m...	21	647-649 Commercial ...	Fancy goods.....	3 story brick....
Oct. 9...	11.52 p. m...	21	614-620 Kearny.....	Fancy goods.....	3 story brick....
Oct. 12...	10.45 p. m...	76	16 Birch av.....	Dwelling.....	2 story frame
Oct. 14...	5.20 p. m...	57	322 Brannan.....	Dwelling.....	2 story frame
Oct. 14...	11.33 p. m...	73	SE cor Folsom & 8th....	Tin-shop.....	2 story frame
Oct. 17...	11.44 a. m...	27	NE cor Montg'y & Clay.	Restaurant.....	4 story brick....
Oct. 17...	11.44 a. m...	27	NE cor Montg'y & Clay.	Offices and lodgings.....	4 story brick....
Oct. 19...	4.00 p. m...	231	1007 Vallejo.....	.....	Plank sidewalk ..
Oct. 21...	12.51 a. m...	79	13th and Harrison.....	Blacksmith shop.....	1 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Burning chimney.....	.....	.....	.....	.....
Burning chimney.....	.....	.....	.....	.....
Supposed carelessness with cigar	Wm. Shields.....	\$756 00	\$8,000 00	\$556 00
Supposed carelessness with cigar	Fass Bros.....	582 07	1,000 00	582 07
Explosion of can benzine.....	H. W. Grey.....	12,846 76	19,160 00	12,846 76
Explosion of can benzine.....	E. Dittmann.....	75 00	1,500 00	75 00
Spark from smoke-stack.....	Mrs. T. H. Selbey.....	15 00	.....	.....
Burning chimney.....	.....	.....	.....	.....
Defective furnace.....	Lachman & Jacoby.....	565 00	5,000 00	565 00
Burning chimney.....	.....	.....	.....	.....
Defective furnace.....	Pacific Spring Bed and Mattress Co.....	5,321 69	7,250 00	5,321 69
Explosion of coal oil lamp.....	W. A. Janke.....	250 00	4,000 00	250 00
Explosion of coal oil lamp.....	John E. Mooney.....	250 00	550 00	250 00
Explosion of coal oil lamp.....	Alfred Johnson.....	30 00	500 00	30 00
Explosion of coal oil lamp.....	Nellie Kienan.....	10 00	.....	.....
Defective wash-house.....	Sam Lee.....	600 00	.....	.....
Defective wash-house.....	M. Hicks.....	600 00	.....	.....
Defective wash-house.....	Wm. Wobber.....	302 50	500 00	302 50
Defective wash-house.....	B. H. Lichtenstein.....	850 00	5,000 00	850 00
Defective wash house.....	A. E. Dolton.....	467 50	1,000 00	467 50
Defective wash-house.....	P. Preist.....	15 00	5,000 00	15 00
Cigarette smoking.....	M. F. Michael.....	100 00	15,000 00	100 00
Cigarette smoking.....	L. V. Merle & Co.....	6 00	2,000 00	6 00
Cigarette smoking.....	L. V. Merle & Co.....	2,000 00	27,000 00	2,000 00
Carelessness with matches.....	Mr. John Skae.....	45 00	3,500 00	45 00
Burning chimney.....	.....	.....	.....	.....
Hot Ashes.....	J. C. Lacy.....	5 00	.....	.....
Defective flue.....	R. M. Sherman.....	360 00	5,700 00	360 00
Defective flue.....	R. M. Sherman.....	244 50	30,000 00	244 50
Leaky gas pipe.....	.....	.....	.....	.....
Incendiary.....	Thomas Crabtree.....	150 00	500 00	150 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX	LOCATION.	HOW OCCUPIED.	STYLE.
Oct. 25..	1.29 p. m ..	29	814 California	Dwelling.....	2 story frame
Oct. 23..	1.29 p. m...	29	816 California	Dwelling.....	3 story frame....
Oct. 29..	5.05 a. m...	25	811 Washington.....	Chinese stores.....	1 story frame
Oct. 29..	5.05 a. m...	25	811 Washington.....	Chinese stores.....	1 story frame
Nov. 2..	12.42 a. m...	285	San Bruno Road & 28th.	Flume house.....	2 story frame
Nov. 2..	12.56 a. m...	281	San Bruno Road & 28th.	Flume house.. ..	2 story frame
Nov. 3..	9.58 p. m...	156	King and Fourth.....	Hay barn.....	1 story frame
Nov. 3..	9.58 p. m...	156	King and Fourth.....	Saloon.....	1 story frame
Nov. 3..	9.53 p. m...	156	728 Fourth.....	Dwelling.....	2 story frame
Nov. 3..	9.58 p. m...	156	728 Fourth	Dwelling and barber shop.	2 story frame
Nov. 3..	9.58 p. m...	156	728 Fourth	Dwelling and shoe shop..	2 story frame
Nov. 3..	9.53 p. m...	156	730-732 Fourth.....	Unoccupied.....	3 story frame....
Nov. 3..	11.04 p. m...	219	Greenwich nr. Filbert..	Sidewalk.....	.....
Nov. 5..	3.37 p. m...	156	408 Ritch	Stable.....	2 story frame
Nov. 5..	6.36 p. m...	264	Front and Commercial.	Cigar factory.....	2 story brick
Nov. 5..	6.36 p. m...	264	Front and Commercial.	Union Oil Company	2 story brick
Nov. 5..	6.36 p. m...	264	Front and Commercial.	Chemicals.....	2 story brick ...
Nov. 6..	11.07 p. m...	283	2800 Sacramento.....	Grocery.....	2 story frame
Nov. 6..	11.07 p. m...	283	2800 Sacramento.....	Dwelling.....	2 story frame
Nov. 7..	10.23 p. m...	62	63-65 Fourth	Bakery.....	2 story frame
Nov. 7..	10.23 p. m...	62	63-65 Fourth	Dwelling.....	2 story frame
Nov. 7..	10.23 p. m...	62	63-65 Fourth	Saloon.....	2 story frame
Nov. 7..	10.23 p. m...	62	67-69 Fourth.....	Tailor shop.....	2 story frame
Nov. 7..	10.23 p. m...	62	67-69 Fourth.....	Stove store.....	2 story frame
Nov. 7..	10.23 p. m...	62	67-69 Fourth.....	Dwelling.....	2 story frame
Nov. 7..	10.23 p. m...	62	273 Jessie.....	Dwelling.....	2 story frame
Nov. 7..	10.23 p. m...	62	273 Jessie.....	Dwelling.....	2 story frame
Nov. 7..	10.23 p. m...	62	273 Jessie.....	Dwelling.....	2 story fram?
Nov. 9..	5.14 a. m...	52	108 First.....	Nickel works	2 story brick.....
Nov. 9..	12.11 p. m...	138	Rear 1617 California....	Dwelling.....	2 story frame
Nov. 11.	5.54 p. m...	72	57 West Mission.....	Dwelling.....	2 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Spark from chimney.....	Annie Chapman.....	\$15 00	\$4,000 00	\$15 00
Spark from chimney.....	E. G. Goldredge.....	42 85	5,000 00	42 85
Matches.....	Gee Jan.....	650 00	3,400 00	600 00
Matches.....	Gee Sing Tong .. .	.....	200 00	.....
Defective range.....	Mrs. A. R. Roy.....	2,000 00	1,500 00	1,500 00
Same fire.....	Streithorst Bros.....	857 60	1,000 00	857 60
Unknown	L. G. Louder & Bro.....	4,000 00	1,850 00	1,850 00
Unknown	L. D. Baron....	400 00	400 00	400 00
Unknown	J. L. Swift... ..	1,600 00	.....	.....
Unknown	J. E. A. Miller.....	1,463 00	2,430 00	1,463 00
Unknown	E. T. Hagen.....	85 00	700 00	85 00
Unknown	J. L. Swift.....	50 00	.....	.....
Leaky gas pipe.....	.....	.....	.....	.....
Spark from engine.....	Black Diamond Coal Co..	1,250 00	.....	.....
Unknown	M. Cohen.....	1,808 00	12,500 00	1,808 00
Unknown	Union Oil Co.....	131 92	5,000 00	131 92
Unknown	C. W. Coburn.....	.....	7,000 00	.....
Defective stove.....	A. Meyer & Bro.....	137 25	2,900 00	132 25
Defective stove.....	D. T. Pierce.....	50 00	.....	.....
Defective oven.....	Hughes & Foley.....	1,350 00	1,600 00	850 00
Defective oven	M. Beresford.....	90 85	500 00	90 85
Defective oven	Harry Valite.....	35 00	300 00	35 00
Defective oven	C. A. Joseph.....	287 80	1,300 00	287 80
Defective oven	L. Levison.....	500 00	2,000 00	500 00
Defective oven	L. Levison.....	250 00	500 00	250 00
Defective oven	Mary O'Rourke.....	400 00	1,000 00	400 00
Defective oven	Mrs. C. Hogan.....	250 00	250 00	250 00
Defective oven	G. W. Sherman.....	15 00	200 00	15 00
Friction of machinery.....	D. F. Novelty & Plating Co	362 50	6,000 00	362 50
Carelessness with matches.....	Wm. Briedeson.....	37 50	1,500 00	12 50
Carelessness with lamp.....	John Kelohan.....	5 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Nov. 14.	10.44 p. m.	49	306 Sutter.....	Dwelling.....	2 story frame
Nov. 15.	7.15 a. m...	194	220 $\frac{1}{2}$ Francisco.....	Dwelling.....	2 story frame
Nov. 15.	11.01 p. m...	96	108-110 Taylor.....	Fancy goods.....	3 story frame
Nov. 15.	11.01 p. m...	96	108-110 Taylor.....	Dwelling.....	3 story frame
Nov. 15.	11.01 p. m...	96	106 Taylor.....	Dwelling.....	2 story frame
Nov. 15.	11.01 p. m.	96	106 Taylor.....	Dwelling.....	2 story frame ..
Nov. 17.	1.03 p. m...	21	614 Kearny.....	Lodging-house.....	3 story brick
Nov. 17.	4.03 p. m...	263	Main and Bryant.....	.....	.....
Nov. 28.	5.02 p. m...	156	220 Berry.....	Store room.....	2 story brick
Nov. 30.	2.42 p. m...	153	1153 Harrison.....	Asphaltum kettle. ....	.....
Nov. 30.	10.52 p. m...	81	211-215 Fell.....	Laundry.....	2 story frame
Nov. 30.	10.52 p. m...	81	108 Hickory av.....	Dwelling.....	3 story frame
Nov. 30.	10.52 p. m...	81	110 Hickory av.....	Stable.....	3 story frame
Nov. 30.	10.52 p. m...	81	112 Hickory av.....	Unoccupied.....	3 story frame
Nov. 30.	10.52 p. m...	81	114 Hickory av.....	Unoccupied.....	3 story frame
Nov. 30.	10.52 p. m...	81	116 Hickory av.....	Laundry.....	1 story frame
Dec. 1..	6.57 a. m...	81	211-215 Fell.....	.....	.....
Dec. 2..	10.08 p. m...	48	717 Market.....	Crockery store.....	3 story frame
Dec. 2..	10.08 p. m...	48	717 Market.....	Sign painting.....	3 story frame
Dec. 2..	10.08 p. m...	48	717 Market.....	Sign painting.....	3 story frame
Dec. 2..	10.08 p. m...	48	715 Market.....	Carpet store.....	2 story brick
Dec. 3..	10.51 a. m...	164	1514 Polk.....	Toy store.....	3 story frame
Dec. 4..	12.49 a. m...	39	227 Main..	Iron works.....	2 story frame
Dec. 4..	8.03 p. m...	83	Rear 210 Gough.....	Dwellings.....	1 story frame
Dec. 4..	8.19 p. m...	85	Laguna and Hayes. ....	.....	.....
Dec. 5..	5.55 p. m...	215	2423 Washington.....	Dwelling.....	2 story frame
Dec. 5..	8.56 p. m...	17	904 Kearny.....	Lodging-house.....	3 story brick
Dec. 7..	12.34 a. m...	75	1342-1344 Market.....	Tailor shop.....	1 story brick
Dec. 7..	12.34 a. m...	75	1342-1344 Market.	Stable.....	1 story brick
Dec. 7..	1.11 a. m...	154	Alameda&Rhode Island	S. F. Candle Co.....	2 story brick
Dec. 7..	1.42 a. m...	152	Alameda&Rhode Island	S. F. Candle Co.....	2 story brick

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Gas jet	C. Dall.....	\$66 00	\$2,000 00	\$16 00
Burning chimney.....	.....	.....	.....	.....
Explosion of coal oil lamp.....	Carson estate.....	1,125 00	6,500 00	1,125 00
Explosion of coal oil lamp.....	C. Luttrell.....	27 40	300 00	27 40
Explosion of coal oil lamp.....	M. Englander....	182 00	4,000 00	182 00
Explosion of coal oil lamp.....	Mrs. P. A. Corning.....	5 00	1,200 00	5 00
Carelessness with cigar.....	Mrs. E. E. Gordon.....	25 00	5,000 00	5 00
False.....	.....	.....	.....	.....
Unknown.....	S. P. R. R. Co.....	1,020 00	.....	.....
.....
Incendiary	Wm. McCrackin.....	3,209 00	3,000 00	2,168 00
Incendiary	Mrs. McCormick.....	35 00	1,000 00	35 00
Incendiary	Wm. McCrackin.....	.....	.....	.....
Incendiary	N. Lunin.....	500 00	.....	.....
Incendiary	N. Lunin.....	400 00	.....	.....
Incendiary	N. Lunin.....	600 00	.....	.....
Rekindling.....	.....	.....	.....	.....
Spontaneous combustion.....	F. Jantizm.....	3,053 00	6,500 00	3,053 00
Spontaneous combustion.....	Brooke & Co.....	1,600 00	1,600 00	1,000 00
Spontaneous combustion.....	J. H. Cordes.....	200 00	200 00	200 00
Spontaneous combustion.....	C. Lames.....	150 00	7,000 00	150 00
Explosion of toy engine.....	E. Dettman.....	115 00	2,500 00	150 00
Hot iron.....	C. Nutting.....	50 00	1,500 00	50 00
Hot iron.....	Dr. Pierce.....	.....	.....	.....
False.....	.....	.....	.....	.....
Explosion of coal oil lamp.....	Mr. C. Otta.....	45 00	2,000 00	.....
Burning chimney.....	.....	.....	.....	.....
Defective stove.....	J. K. Prior.....	75 00	.....	.....
Defective stove.....	P. S. Archibald.....	40 00	800 00	40 00
Defective boiler.....	Judson & Woodman.....	6,240 00	67,000 00	6,240 00
Same fire.....	Judson & Woodman.....	.....	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Dec. 7..	5.56 a. m...	351	NW cor Bd'y & Montg'y	Lodging-house,.....	4 story frame....
Dec. 11.	7.10 p. m...	283	334 Twenty-ninth.....	Dwelling.....	1 story frame
Dec. 11.	7.10 p. m...	283	334 Twenty-ninth.....	Dwelling.....	1 story frame
Dec. 11.	7.10 p. m...	283	332 Twenty-ninth.....	Dwelling.....	1 story frame
Dec. 11.	7.10 p. m...	283	332 Twenty-ninth.....	Dwelling.....	1 story frame
Dec. 13.	5.19 p. m...	215	2310 Clay.....	Dwelling.....	2 story frame....
Dec. 14.	3.10 a. m...	72	1648 Mission.....	Market.....	1 story frame....
Dec. 14.	3.10 a. m...	72	1648 Mission.....	Fruit store.....	1 story frame....
Dec. 14.	3.10 a. m...	72	1650 Mission.....	Chinese wash-house	1 story frame
Dec. 14.	3.10 a. m...	72	1644 Mission.....	Variety store.....	2 story frame
Dec. 16.	12.01 a. m...	27	502-504 Montgomery....	Cellar floor of folding r'm.	4 story brick
Dec. 16.	9.34 p. m...	34	Pier 5, Stewart st.....	Lumber yard.....	.....
Dec. 17.	7.57 p. m...	47	917 Market.. ..	Carpet house paper.....	4 story frame....
Dec. 17.	7.57 p. m...	47	915 Market.....	Willow-ware.....	4 story frame....
Dec. 18.	2.45 p. m...	364	1913 Howard.....	Dwelling.....	2 story frame....
Dec. 18.	2.45 p. m...	364	Rear 1913 Howard.....	Stable	2 story frame....
Dec. 18.	2.45 p. m...	364	112 Shotwell.....	Dwelling.....	2 story frame....
Dec. 18.	2.45 p. m...	364	112 Shotwell.....	Dwelling.....	2 story frame....
Dec. 18.	2.45 p. m...	364	Rear 114 Shotwell.....	Dwelling.....	2 story frame....
Dec. 18.	2.45 p. m...	364	Rear 208 Fifteenth.....	Stable	2 story frame....
Dec. 18.	2.52 p. m...	63	254-256 Perry.....	Dwelling.....	2 story frame....
Dec. 18.	2.52 p. m...	63	254-256 Perry.....	Dwelling.....	2 story frame....
Dec. 18.	2.52 p. m...	63	254-256 Perry.....	Dwelling.....	2 story frame....
Dec. 23.	12.53 a. m...	76	1209-1211 Market.. ..	Barber shop.....	1 story frame....
Dec. 23.	12.53 a. m...	76	1209-1211 Market... ..	Carpenter shop.....	1 story frame....
Dec. 23.	12.53 a. m...	76	1209-1211 Market.....	Plumbers' shop.....	1 story frame....
Dec. 23.	12.53 a. m...	76	1207 Market.....	Shoe store.....	1 story frame....
Dec. 23.	12.53 a. m...	76	1213 Market.....	Metal roofing works	1 story frame....
Dec. 24.	4.42 a. m...	163	1913 Clay.....	Dwelling.....	2 story frame....
Dec. 24.	4.42 a. m...	163	1913 Clay.....	Dwelling.....	2 story frame....
Dec. 24.	4.42 a. m...	163	1913 Clay.....	Dwelling.....	2 story frame....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Wooden ash barrel	M. Miller	\$10 00	\$10,000 00	\$10 00
Upsetting coal oil lamp	Owen Roche	500 00	300 00	300 00
Upsetting coal oil lamp	Robert McDermott	100 00	.....	.....
Upsetting coal oil lamp	Mrs. McSchroeder	65 60	800 00	65 60
Upsetting coal oil lamp	John Simmen	50 00	250 00	50 00
Defective meter	Dr. Voorhies	16 00	2,000 00	16 00
Defective chimney	L. Ososke	1,075 00	1,030 00	875 00
Defective chimney	Elia Frank	180 00	400 00	180 00
Defective chimney	Hep Wo	200 00	.....	.....
Defective chimney	E. Campbell	100 00	500 00	100 00
Cigarette smoking	P. Publishing Co.	10 00	7,500 00	10 00
Hot Ashes	Preston & McKinnon	10 00	.....	.....
Defective chimney	Thomas Dolan	6,568 05	31,000 00	6,568 02
Defective chimney	W. H. Stanley	32 50	500 00	32 50
Boy with matches	F. W. Runge	40 00	4,500 00	40 00
Boy with matches	F. W. Runge	400 00	1,000 00	385 00
Boy with matches	Richard Tobin	475 00	1,500 00	425 00
Boy with matches	William Tobin	100 00	.....	.....
Boy with matches	M. Martens	80 00	800 00	80 00
Boy with matches	Mrs. L. Lorenze	50 00	.....	.....
Defective chimney	B. Cerinnello	325 00	1,000 00	300 00
Defective chimney	G. Costa	100 00	.....	.....
Defective chimney	A. Setora	75 00	.....	.....
Coal oil stove	Anderson Bro	1,000 00	900 00	800 00
Coal oil stove	Anderson Bro	300 00	500 00	125 00
Coal oil stove	T. I. Farrell	75 00	800 00	75 00
Coal oil stove	T. Garrett	25 00	.....	.....
Coal oil stove	Wm. Cronin	10 00	3,000 00	10 00
Wooden ash box	A. J. Bowie	800 00	10,000 00	800 00
Wooden ash box	A. J. Bowie . . . . .	.....	2,500 00	.....
Wooden ash box	Mrs. P. Friedlander	750 00	20,000 00	750 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Dec. 24.	7.04 a. m...	91	325 Turk.....	Fruit store.....	1 story frame
Jan. 1...	2.20 a. m...	218	.....	.....	.....
Jan. 1...	8.35 p. m...	143	.....	.....	.....
Jan. 5...	10.19 a. m...	235	311 Twenty-sixth.....	Dwelling.....	1 story frame...
Jan. 7...	8.51 a. m...	27	536 Sacramento.....	Unoccupied.....	4 story brick.....
Jan. 8...	6.48 p. m...	362	Fourteenth & Dolores..	California Mattress Co...	2 story frame...
Jan. 9...	3.28 a. m...	364	Howard & Fourteenth..	.....	.....
Jan. 10...	5.33 p. m...	139	595 Ellis.....	Dwelling.....	2 story frame
Jan. 12..	12.25 a. m...	19	Cor Drumm & Oregou..	Boarding-house.....	2 story frame
Jan. 12..	12.25 a. m...	19	Cor Drumm & Oregou..	Saloon.....	2 story frame
Jan. 12..	1.47 p. m...	72	28 Glenn Park.....	Dwelling.....	2 story frame
Jan. 12..	3.59 p. m...	61	38 Everett.....	Dwelling.....	2 story frame
Jan. 15..	1.39 p. m...	154	512-518 Fifth.....	Saw and moulding mill...	3 story frame
Jan. 15..	1.55 p. m...	154	512-518 Fifth.....	Saw and moulding mill...	3 story frame
Jan. 15..	1.55 p. m...	154	512-518 Fifth.....	Stair building.....	3 story frame
Jan. 15..	1.55 p. m...	154	512-518 Fifth.....	Machine shop.....	3 story frame
Jan. 15..	1.55 p. m...	154	512-518 Fifth.....	Furniture factory.....	3 story frame
Jan. 15..	1.55 p. m...	154	512-518 Fifth.....	Chest tools.....	3 story frame
Jan. 15..	1.55 p. m...	154	520 Fifth.....	Band sawing.....	2 story frame
Jan. 15..	1.55 p. m...	154	508-510 Fifth.....	Chair factory.....	3 story frame
Jan. 15..	1.55 p. m...	154	522-528 Fifth.....	Planing mill.....	1 story frame
Jan. 15..	1.55 p. m...	154	SE cor Fifth & Bryant..	Harness factory.....	3 story frame
Jan. 15..	1.39 p. m...	154	515-519 Fifth.....	S. F. Box Factory.....	3 story frame
Jan. 15..	1.55 p. m...	154	S s Bryant nr Fifth....	Ore crushing.....	2 story frame
Jan. 15..	1.55 p. m...	154	S s Bryant ur Fifth....	Excelsior Mill Co.....	2 story frame
Jan. 15..	3.36 p. m...	25	707 Dupont....	Provision store.....	3 story brick.....
Jan. 17..	8.03 p. m...	274	7 Elizabeth.....	Dwelling.....	1 story frame
Jan. 17..	8.05 p. m...	65	SE cor Mission & Sixth.	.....	3 story frame ...
Jan. 17..	8.05 p. m...	65	SE cor Mission & Sixth.	Cigar store.....	3 story frame
Jan. 17..	8.05 p. m...	65	SE cor Mission & Sixth.	Shoe store.....	3 story frame
Jan. 17..	8.05 p. m...	65	SE cor Mission & Sixth.	Florists.....	3 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Defective chimney.....	Lotta Crabtree.....	\$10 00	.....	.....
False.....	.....	.....	.....	.....
False.....	.....	.....	.....	.....
Carelessness with matches.....	H. H. Schuling.....	110 00	\$500 00	\$60 00
Tramps smoking.....	J. T. Hill.....	.....	.....	.....
Pipe smoking.....	Chas. Rickoff.....	15 00	3,950 00	15 00
False.....	.....	.....	.....	.....
Gas too near curtain.....	James Taylor.....	10 00	4,000 00	.....
Carelessness with cigar.....	C. K. Garrison.....	266 50	1,500 00	266 50
Carelessness with cigar.....	A. L. Guaresma.....	125 00	600 00	125 00
Plumber's stove.....	J. C. Dempster.....	10 00	2,000 00	.....
Burning chimney.....	.....	.....	.....	.....
Friction of machinery.....	Korbel Bros.....	2,500 00	.....	.....
Friction of machinery.....	P. B. McKay.....	2,150 00	1,700 00	1,700 00
Friction of machinery.....	W. H. White.....	1,500 00	500 00	500 00
Friction of machinery.....	F. Krajewski.....	2,000 00	1,000 00	1,000 00
Friction of machinery.....	Chas. Klemm.....	4,270 89	2,050 00	2,050 00
Friction of machinery.....	C. F. Ahrens.....	164 65	50 00	50 00
Friction of machinery.....	C. O. Schnood.....	2,600 00	400 00	400 00
Friction of machinery.....	Chas. Greffe.....	9,505 50	3,300 00	3,000 00
Friction of machinery.....	John Coop.....	150 00	.....	.....
Friction of machinery.....	Main & Winchester.....	130 00	20,400 00	130 00
Friction of machinery.....	Garrick, Williams & Wright	25 00	3,000 00	.....
Friction of machinery.....	Hoffman Bro.....	440 00	3,425 00	440 00
Friction of machinery.....	W. A. Meeker.....	80 00	5,000 00	80 00
Defective chimney.....	Wo Yick & Co.....	30 75	2,550 00	30 75
Explosion of coal oil lamp.....	Mrs. Mary Brown.....	10 00	.....	.....
Explosion of coal oil lamp.....	A. Sweigert.....	2,750 00	15,000 00	2,750 00
Explosion of coal oil lamp.....	S. Hasterlick.....	1,925 00	2,000 00	1,925 00
Explosion of coal oil lamp.....	J. Lucier.....	169 50	3,000 00	169 50
Explosion of coal oil lamp.....	Sarvel, Jaquemt & Co....	50 00	500 00	50 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Jan. 17..	8.05 p. m..	65	969 Mission.....	Lodging-house.....	3 story frame
Jan. 18..	8.40 p. m..	63	255 Perry.....	Grocery and dwelling....	2 story frame
Jan. 20..	6.51 p. m..	27	524 Sacramento.....	Assay works.....	2 story brick.....
Jan. 29..	6.07 p. m..	21	25 Montgomery av.....	Paint shop.....	2 story brick.....
Jan. 30..	7.25 a. m..	361	Fourteenth & Dolores..	California Mattrass Co. .	2 story frame
Jan. 30..	6.35 p. m..	362	2430 Market.....	Grocery.....	2 story frame
Jan. 31..	7.36 a. m..	31	419 Sacramento.....	Printing office.....	3 story brick
Jan. 31..	1.10 p. m..	69	Rear 352 Brannan.....	Stable.....	2 story frame....
Feb. 3... 9.51 p. m..	21	627 Clay.....	Saloon.....	3 story brick	
Feb. 4... 10.49 a. m..	52	125 First.....	Brass works.....	2 story frame	
Feb. 4... 12.46 p. m..	291	9 $\frac{1}{2}$ Glover.....	Dwelling.....	1 story frame	
Feb. 4... 12.46 p. m..	291	9 $\frac{1}{2}$ Glover.....	Dwelling.....	1 story frame	
Feb. 5... 4.05 a. m..	86	101 Oak.....	Dwelling and laundry....	2 story frame	
Feb. 6... 1.41 p. m..	142	2334 Mission.....	Dwelling and laundry....	2 story frame	
Feb. 6... 6.41 p. m..	324	2305 Devisadero	Dwelling and laundry....	2 story frame	
Feb. 8... 12.40 p. m..	62	716-720 Mission.....	Furniture and mattresses.	4 story brick	
Feb. 8... 12.40 p. m..	62	722 Mission.....	Furniture store.....	4 story brick	
Feb. 8... 12.40 p. m..	62	722 Mission.....	Storage of house paper....	4 story brick	
Feb. 8... 2.40 p. m..	53	410 Ritch	Unoccupied.....	2 brick and frame	
Feb. 10.. 1.01 a. m..	371	619 Post	Chinese wash-house.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	619 Post	Japanese goods.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	621 Post	Dwelling.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	623-625 Post.....	Dwelling.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	623-625 Post.....	Dwelling.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	627-629 Post.....	Dwelling.....	2 story frame	
Feb. 10.. 1.01 a. m..	371	119 William	Dwelling..	2 story frame	
Feb. 10.. 1.01 a. m..	371	SE cor. Post & William.	Bakery	3 story frame	
Feb. 13.. 12.28 a. m..	371	1001 Pine.....	Boarding-house.....	5 story frame	
Feb. 14.. 7.55 a. m..	143	Valencia and 22d.....	Hay and coal.....	2 story frame	
Feb. 19.. 1.30 p. m..	154	32 $\frac{1}{2}$ Garden.....	Dwelling.....	2 story frame....	
Feb. 19.. 5.58 p. m..	19	218-220 Washington	Egg and produce store....	1 story frame	

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Explosion of coal oil lamp.....	Thomas Stevens.....	\$1,500 00	.....	.....
Spark from grate.....	Antone Helin.....	155 25	\$1,000 00	\$155 25
Friction of machinery.....	Thomas Price.....	300 00	12,500 00	300 00
Carelessness with candle.	G. Orsi.....	.....	.....	.....
Unknown.....	California Mattress Co....	1,325 00	800 00	725 00
Unknown.....	W. O. Mills.....	111 00	9,000 00	111 00
Explosion of coal oil lamp . . .	Williams Estate.....	25 00	12,174 83	15 00
Supposed children with matches.	Mike Castro.....	140 00	200 00	90 00
Hot Ashes.....	Ernest Nauman.....	10 00	.....	.....
Carelessness with gasoline.....	Weed & Kingwell.....	.....	.....	.....
Spark from chimney.....	John Coughlin.....	15 00	1,500 00	15 00
Spark from chimney.....	C. W. Smith.....	30 00	500 00	30 00
Defective dry-room.....	G. H. Mallech.....	445 00	1,000 00	335 00
Burning chimney.....	.....	.....	.....	.....
Defective grate.....	A. Judson.....	29 90	4,200 00	29 90
Swinging gas jet.....	John Hoey.....	1,370 00	36,000 00	1,370 00
Swinging gas jet.....	S. C. Switzer.....	.....	.....	.....
Swinging gas jet.....	G. W. Clark & Co.	4,845 00	20,000 00	4,845 00
Spark from locomotive.....	A. Howard.....	750 00	1,000 00	750 00
Explosion of coal oil lamp.....	Lee Can.....	1,200 00	1,000 00	1,000 00
Explosion of coal oil lamp.....	E. Kanasengi.....	500 00	.....	.....
Explosion of coal oil lamp.....	I. D. Martin.....	2,833 00	1,900 00	1,900 00
Explosion of coal oil lamp.....	J. Meyer.....	1,539 40	3,000 00	1,539 40
Explosion of coal oil lamp.....	Emile Boisseau.....	150 00	500 00	150 00
Explosion of coal oil lamp.....	Mrs. B. Coyle.....	50 00	2,500 00	50 00
Explosion of coal oil lamp.....	W. Hessler.....	25 00	1,000 00	25 00
Explosion of coal oil lamp.....	W. Hessler.....	25 00	2,150 00	25 00
Defective grate.....	Mrs. T. Fair.....	323 00	150,000 00	323 00
Defective stove-pipe.....	Aiken & Sawyer.....	10 00	2,500 00	10 00
Spark from chimney.....	Pat. Shine.....	25 00	1,000 00	25 00
Carelessness with candle.....	S. Levy.....	1,350 00	1,000 00	850 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE	TIME.	BOX	LOCATION.	HOW OCCUPIED.	STYLE.
Feb. 19..	5.58 p. m...	19	222 Washington.....	Saloon.....	1 story frame
Feb. 19..	5.58 p. m...	19	216 Washington.....	Paint store.....	2 story frame
Feb. 19..	5.58 p. m...	19	216 Washington.....	Commission store.....	2 story frame
Feb. 19..	5.58 p. m...	19	214 Washington.....	Lodging-house.....	2 story frame
Feb. 19..	5.58 p. m...	19	508 Front	Cooper shop.....	1 story frame
Feb. 22..	3.59 a. m...	246	1201 Devisadero.....	Dwelling.....	1 story frame....
Feb. 22..	3.59 a. m...	246	1910 Eddy	Dwelling.....	2 story frame....
Feb. 22..	5.32 p. m...	49	313½ Sutter.....	Plumber's shop.....	1 story frame....
Feb. 22..	5.32 p. m...	49	311 Sutter.....	Cigar store.....	3 story frame....
Feb. 22..	5.32 p. m...	49	311 Sutter... ..	Dwelling and flower store.	3 story frame....
Feb. 22..	5.32 p. m...	49	311 Sutter.....	Lodging-house.....	3 story frame....
Feb. 22..	5.32 p. m ..	49	313 Sutter.....	Dwelling and dress mak'g.	2 story frame....
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame....
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame....
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame
Feb. 23..	5.00 a. m...	351	323 Vallejo.....	Dwelling.....	2 story frame
Feb. 26..	12.37 p. m...	146	2015 Folsom.....	Brewery.....	3 story frame
Feb. 27..	4.42 a. m...	21	738 Washington	Chinese stores	3 story brick
Feb. 27..	4.42 a. m...	21	738 Washington	Shirt factory.....	3 story brick
Mar. 1..	12.59 a. m...	154	108 Park ave.....	Dwelling.....	2 story frame....
Mar. 3..	12.05 a. m...	16	Vallejo and Mason....	Dwelling.....	2 story frame....
Mar. 3..	12.05 a. m...	16	Vallejo and Mason....	Grocery and saloon	2 story frame....
Mar. 4..	10.34 p. m...	132	910 Pine.....	Dwelling.....	3 story frame
Mar. 4..	10.34 p. m...	132	910 Pine.....	Dwelling.....	3 story frame
Mar. 4..	10.34 p. m...	132	910 Pine.....	Dwelling.....	3 story frame
Mar. 4..	10.34 p. m...	132	910 Pine.....	Dwelling.....	3 story frame
Mar. 5..	12.15 a. m...	61	187-189 Jessie	Saloon.....	2 story frame....
Mar. 5..	12.15 a. m...	61	187-189 Jessie	Barber shop	2 story frame....
Mar. 5..	12.15 a. m...	61	41½ Third.....	Saloon.....	2 story frame....

STATEMENT OF FIRES AND ALARMS

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Carelessness with candle	G. Diehn.....	\$267 50	\$1,100 00	\$267 50
Carelessness with candle.....	C. E. Lang.....	.....	.....	.....
Carelessness with candle.....	K. Gambitz.....	15 00	500 00	15 00
Carelessness with candle.....	C. Blethen.....	20 00	.....	.....
Carelessness with candle.....	C. Blethen.....	50 00	1,500 00	50 00
Unknown	Mrs. Ellen Tully.....	400 00	800 00	400 00
Unknown	Geo. Hyans.....	230 00	3,150 00	230 00
Defective gas-pipe.....	J. F. McCormack.....	500 00	1,000 00	300 00
Defective gas-pipe.....	Robert Hoffman.....	10 00	.....	.....
Defective gas-pipe.....	Mrs. Sarah Kahn.....	65 00	1,000 00	65 00
Defective gas-pipe.....	Mrs. A. K. Case.....	85 00	1,000 00	85 00
Defective gas-pipe.....	Mrs. Bertha Biber.....	587 44	8,300 00	587 40
Carelessness with matches..	Agustine Noti.....	800 00	.....	.....
Carelessness with matches.	H. Scheerer.....	32 56	350 00	32 50
Carelessness with matches.....	Peter Anderson.....	20 00	400 0	20 00
Carelessness with matches.....	Chris. Anderson....	50 00	.....	.....
Carelessness with matches.....	B. O. Hanlon.....	25 00	.....	.....
Carelessness with matches.....	V. Borri.....	100 00	.....	.....
Spark from chimney....	F. Hillebrandt & Co.....	5 00	.....	.....
Carelessness with candle..	Kwong Mee Lung & Co...	41 50	12,000 00	41 50
Carelessness with candle.....	Wong Cow, Ah Kerr & Co	50 00	15,000 00	50 00
Carelessness with candle.....	Mrs. Ellen Carey.....	100 00	2,000 00	50 00
Unknown	A. F. O'Connell.....	140 00	500 00	140 00
Unknown	A. F. O'Connell.....	695 00	2,000 00	695 00
Carelessness with candle.....	Dr. Haines.....	70 00	4,500 00	70 00
Carelessness with candle.....	Mrs. J. W. Brunner.....	130 00	900 00	130 00
Carelessness with candle.....	Mrs. J. W. Brunner....	.....	2,300 00	.....
Carelessness with candle.....	C. V. Manner.....	.....	325 00	.....
Defective chimney.....	H. Jackson	675 00	1,300 00	675 00
Defective chimney.....	F. Senewe	10 00	.....	.....
Defective chimney.....	ullaney Bros.....	.....	12,000 00	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Mar. 7...	8.03 p. m...	13	Vallejo St. Wharf.....	Ship.....	
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Storage for coal oil.....	1 story frame
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Pacific Oil Co.....	1 story frame
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Paints and oils.....	1 story frame
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Storage of gasoline	1 story frame....
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Storage for coal oil.....	1 story frame....
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Lumber.....	
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Oil store.....	1 story frame....
Mar. 9...	4.35 p. m...	156	Fifth and Berry.....	Storage of oil.....	2 story frame....
Mar. 13..	7.31 a. m...	61	Rear 124 Third	Smoke-house.....	1 story brick
Mar. 14..	1.02 p. m...	124	Black Point	Pioneer Woolen Mill.....	4 story brick
Mar. 15..	10.14 p. m...	15	32 Clay.....	Cooper shop	2 story frame
Mar. 16..	3.30 a. m...	8	503-511 Montgomery av.	Restaurant	2 story frame
Mar. 16..	3.30 a. m...	8	503-511 Montgomery av.	Barber shop	2 story frame
Mar. 16..	3.30 a. m...	8	503-511 Montgomery av.	Grocery store	2 story frame
Mar. 16..	3.30 a. m...	8	503-511 Montgomery av.	Hardware store.....	2 story frame....
Mar. 16..	3.30 a. m...	8	511 Montgomery av....	American Tea Store.....	2 story frame
Mar. 16..	3.30 a. m...	8	618 Green	Dwelling.....	2 story frame
Mar. 16..	3.30 a. m...	8	515 Montgomery av....	Dwelling.....	2 story frame
Mar. 17..	3.04 a. m...	59	Rincon Pl. and Fred'k.	Saloon and grocery.....	3 story frame
Mar. 17..	3.04 a. m...	59	Rincon Pl. and Fred'k.	Dwelling.....	3 story frame....
Mar. 17..	3.04 a. m...	59	Rincon Pl. and Fred'k.	Dwelling.....	3 story frame....
Mar. 17..	3.04 a. m...	59	Rincon Pl. and Fred'k.	Dwelling.....	3 story frame....
Mar. 17..	3.04 a. m...	59	18½ Fredrick.....	Dwelling.....	2 story frame....
Mar. 17..	3.04 a. m...	59	18½ Frederick.....	Dwelling.....	2 story frame....
Mar. 17..	3.04 a. m...	59	Rear 18 Frederick.....	Dwelling.....	1 story frame....
Mar. 17..	3.04 a. m...	59	16 Frederick.....	Dwelling.....	2 story frame....
Mar. 17..	3.04 a. m...	59	14 Frederick.....	Dwelling.....	2 story frame....
Mar. 17..	3.04 a. m...	59	127 Rincon place	Unoccupied.....	1 story frame....
Mar. 17..	3.04 a. m...	59	125 Rincon place	Unoccupied	2 story frame....
Mar. 17..	3.04 a. m...	59	125 Rincon place	Dwelling.....	2 story frame...

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown		\$1,500 00		
Unknown	Irvin Graham	5,500 00	\$5,000 00	\$5,000 00
Unknown	Pacific Coast Oil	2,500 00	2,000 00	2,000 00
Unknown	Ravekes & Forester	8,851 00	2,000 00	2,000 00
Unknown	Whittier, Fuller & Co.	300 00		
Unknown	F. B. Joyce	2,000 00	1,000 00	1,000 00
Unknown	U. S. Government	1,000 00		
Unknown	Schofield, Schurmer & Co.	897 60	1,000 00	897 60
Unknown	Standard Oil Company	3,500 00		
Defective smoke-house	Jacob Bill	180 00		
Spark from picker	Pioneer Woolen Mills	25 00		
Defective chimney	L. N. Handy	40 00	1,000 00	40 00
Defective stove-pipe	Alfrong Price	1,333 25	2,000 00	1,313 25
Defective stove-pipe	H. Sommers			
Defective stove-pipe	A. Stein	50 00		
Defective stove-pipe	R. A. Larrimore	300 00	500 00	300 00
Defective stove-pipe	H. Huddleston	280 00	500 00	180 00
Defective stove-pipe	Mrs. L. Strauss	1,200 00	5,000 00	1,200 00
Defective stove-pipe	Mrs. L. Strauss	10 00	3,000 00	
Unknown	Albert Becker	2,638 50	3,500 00	2,638 50
Unknown	Fred. Weise	335 00	500 00	335 00
Unknown	N. Friele	310 00	400 00	310 00
Unknown	J. Peters	240 00	400 00	240 00
Unknown	E. Jession	50 00		
Unknown	W. Schroder	281 30	1,000 00	281 30
Unknown	H. Schliptet	900 00	600 00	600 00
Unknown	P. McDevitt	75 00	1,000 00	75 00
Unknown	L. Cornue	30 00	1,000 00	30 00
Unknown	Mrs. W. Diedricks	25 00		
Unknown	Mrs. W. Diedricks	300 00	500 00	300 00
Unknown	Mrs. W. Diedricks	375 00	600 00	375 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
Mar. 17..	3.04 a. m...	59	128 Rincon place	Dwelling.....	2 story frame....
Mar. 17..	3.04 a. m...	59	315 Bryant.....	Dwelling.....	2 story frame....
Mar. 17..	7.49 a. m...	291	Rear 1809 Jones.....	Chicken-house.....	1 story frame
Mar. 17..	8.03 p. m...	158	857 Folsom.....	Dwelling.....	2 story frame
Mar. 18..	5.04 p. m...	154	Rear 441 Seventh.....	Rag-picking.....	1 story brick
Mar. 21..	7.28 p. m...	52	Fremont and Natoma..	Brass works.....	3 story brick
Mar. 29..	5.13 a. m...	154	913 Bryant	Grocery store.....	3 story frame
Mar. 29..	5.23 p. m...	156	Fifth and Berry.....	.....	.....
Mar. 30..	11.10 a. m...	85	605 Hayes	Dwelling.....	2 story frame
Mar. 30..	8.00 p. m...	26	Front and Clay.....	Commission merchant...	2 story brick
Mar. 30..	8.00 p. m...	26	Front and Clay.....	Commission merchant...	2 story brick
Mar. 30..	8.00 p. m...	26	Front and Clay.....	Commission merchant...	2 story brick
April 1..	3.58 p. m...	51	131-132 Folsom.....	Boiler works.....	1 story frame....
April 1..	8.04 p. m...	39	121 Beale.....	Wagon Works.....	3 story frame....
April 1..	8.04 p. m...	39	123-125 Beale.....	Western Iron Works.....	2 story frame....
April 1..	8.04 p. m...	39	116 Main.....	Union Machine Co.....	2 story frame....
April 1..	8.04 p. m...	39	112 Main.....	Junk store.....	2 story frame....
April 1..	8.04 p. m...	39	113 Main.....	.....	2 story frame....
April 3..	4.15 a. m...	14	116 Virginia place	Dwelling.....	2 story frame....
April 3..	4.15 a. m...	14	118 Virginia place	Dwelling.....	2 story frame....
April 3..	12.02 p. m...	83	Rear 327 Oak.....	Wood shed.....	1 story frame....
April 3..	7.16 p. m...	53	Third Street Wharf	Hay.....	.....
April 3..	7.16 p. m...	53	Third Street Wharf	Hay .....	.....
April 3..	11.55 p. m...	17	629 Jackson	Restaurant.....	.....
April 5..	2.19 p. m...	68	523-547 Fifth	Furniture factory.....	3 story frame....
April 5..	2.19 p. m...	68	523-547 Fifth	Marble works.....	3 story frame....
April 7..	11.38 a. m...	21	Clay b. Kearny & D'p't.	Chinese.....	.....
April 10.	9.10 p. m...	326	Pt. Lobos & Central av.	Wash house.....	1 story frame....
April 10.	9.10 p. m...	326	Pt. Lobos & Central av.	Saloon.....	1 story frame
April 11.	3.34 p. m...	21	844-646 Sacramento....	Store-room.....	3 story brick
April 12.	12.25 p. m...	364	232 Fourteenth.....	Boiler-house.....	1 story frame....

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	S. Stephens.....	\$35 00	\$300 00	\$35 00
Unknown	Clay Street Bank	60 00	250 00	60 00
Children with matches	James O'Connor.....	5 00	.....	.....
Explosion of coal oil lamp.....	P. Kelly	277 00	1,600 00	177 00
Spark from picker	Soloman & Sloan.....	167 30	2,499 73	167 30
Carboy of acid.....	W. T. Garratt & Co.....	10 00	.....	.....
Explosion of coal oil lamp.....	Thomas Boyne.....	1,823 64	5,300 00	1,598 30
Rekindling of remains of fire, March 9.....	.....	.....	.....	.....
Children with matches.....	Henry Marks..	382 00	1,500 00	377 00
Carelessness with candle.....	Johnson & Emigh.....	300 52	20,000 00	300 52
Carelessness with candle.....	S. F. Heywood.....	50 00	1,500 00	50 00
Carelessness with candle.....	Bassett & Bunker.....	50 00	500 00	50 00
Spark from smoke-stack.....	P. F. Dundon	75 00	2,000 00	75 00
Spark from furnace.....	J. W. Farren.....	1,300 00	4,000 00	1,300 00
Spark from furnace.....	Sims & Morris	375 00	5,187 50	375 00
Spark from furnace.....	Sims & Morris	245 00	2,562 50	245 00
Spark from furnace.....	D. B. Hinckley.....	25 00	.....	.....
Spark from furnace.....	J. R. Sims.....	10 00	500 00	10 00
Unknown	M. Straude.....	345 00	500 00	275 00
Unknown	M. Straude.....	250 00	1,000 00	250 00
Explosion of coal oil lamp.....	Pat. Foley	25 00	3,000 00	25 00
Supposed pipe smoking.....	McKenna & Purcell	453 00	800 00	458 00
Supposed pipe smoking.....	J. M. Vermeil.....	1,300 00	500 00	500 00
Burning chimney.....	.....	.....	.....	.....
Supposed spark from chimney...	Fuchs & Euler.....	3,792 50	8,750 00	3,792 50
Supposed spark from chimney...	E. Dumontelle.....	369 00	6,250 00	369 00
Burning chimney.....	.....	.....	.....	.....
Defective range.....	Wing Lee.....	300 00	100 00	100 00
Defective range.....	Thomas Foley.....	800 00	1,200 00	500 00
Breakage of gas fixtures.....	L. V. Merle & Co.....	20 00	15,000 00	10 00
Explosion of boiler.....	Barbor, Wilton & Co.....	2,200 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
April 13.	5.13 p. m...	149	Treat av. and 19th	Mattress factory.....	2 story frame
April 13.	5.13 p. m...	149	Nineteenth.....	Unoccupied.....	2 story frame
April 13.	5.13 p. m...	149	Rear Nineteenth.....	Unoccupied	2 story frame
April 16.	8.12 p. m...	25	635 Jackson	Chinese stores.....	3 story brick
April 16.	8.12 p. m...	25	635 Jackson	Lodgings	3 story brick
April 16.	8.12 p. m...	25	635 Jackson	Lodgings	3 story brick
April 16.	8.12 p. m...	25	635 Jackson	Clothing stock.....	3 story brick
April 17.	9.09 p. m...	63	351 Fourth	Candy store	2 story frame
April 23.	9.59 p. m...	34	14 Steuart.....	Ship tinsmith.....	2 story frame
April 23.	9.59 p. m...	34	10 Steuart.....	Saloon and Dwelling....	2 story frame
April 23.	9.59 p. m...	34	12 Steuart.....	Shoe store.....	2 story frame
April 23.	9.59 p. m...	34	12 Steuart.....	Lodging house.....	2 story frame
April 23.	9.59 p. m...	34	16 Steuart.....	Block and spars.....	2 story frame
April 23.	9.59 p. m...	34	18-20 Steuart.....	Ship joiner....	2 story frame
April 23.	9.59 p. m...	34	18-20 Steuart.....	Blacksmith.....	2 story frame
April 23.	9.59 p. m...	34	18-20 Steuart.....	Ship joiner....	2 story frame
April 23.	9.59 p. m...	34	18-20 Steuart.....	Ship carving.....	2 story frame. ..
April 23.	9.59 p. m...	34	18-20 Steuart.....	Stove store....	2 story frame
April 23.	9.59 p. m...	34	24 Steuart ..	Cigar store.....	2 story frame....
April 23.	9.59 p. m...	34	24 Steuart.....	Lodging house.....	2 story frame
April 23.	10.20 p. m...	184	34 Langton.....	Junk store.....	2 story frame
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	253-255 Clementina....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	257 Clementina.....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	257 Clementina.....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	257 Clementina.....	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	257 Clementina.....	Dwelling.....	3 story frame....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Spark from rag picker.....	Alex. Jansen.....	\$2,247 20	\$2,500 00	\$1,647 20
Spark from rag picker.....	W. Bloom	800 00	500 00	500 00
Spark from rag picker.....	W. Bloom	50 00	500 00	50 00
Explosion of coal oil lamp.....	Tuck Wo.....	590 96	25,000 00	590 96
Explosion of coal oil lamp.....	Ah Chuck.....	75 00	300 00	75 00
Explosion of coal oil lamp.....	Fook Kin.....	50 00	300 00	50 00
Explosion of coal oil lamp.....	Weil, Baer & Co.....	62 68	2,000 00	62 68
Incendiary	Mrs. M. Rider	75 00	2,000 00	50 00
Supposed plumber's stove.	Wild & Spear	935 00	2,500 00	935 85
Supposed plumber's stove.	John Cobine.....	70 00	850 00	20 00
Supposed plumber's stove.	Chas. Lester.....	720 00	3,000 00	720 00
Supposed plumber's stove.	C. Nelson.....	75 00	.....	.....
Supposed plumber's stove.	C. L. Legal.....	50 00	500 00	50 00
Supposed plumber's stove.	H. G. White.....	150 00	.....	.....
Supposed plumber's stove.	I. Burns.....	15 00	1,250 00	15 00
Supposed plumber's stove.	W. Robinson.....	150 00	.....	.....
Supposed plumber's stove.	E. B. Lovejoy.....	600 00	300 00	300 00
Supposed plumber's stove.	E. H. Bucknam & Co....	525 00	5,000 00	525 00
Supposed plumber's stove.	F. Belus	40 00	600 00	20 00
Supposed plumber's stove.	Mrs. Livingston.....	20 00	.....	.....
Coal oil lamp.....	Sanders & Levy.....	20 00	.....	.....
Supposed spark from chimney...	P. Duchine	665 00	3,000 00	665 00
Supposed spark from chimney...	E. Morat.....	142 65	500 00	142 65
Supposed spark from chimney...	H. Kornack.....	10 00	.....	.....
Supposed spark from chimney...	D. Moltzen	20 00	.....	.....
Supposed spark from chimney...	I. Lawson	80 00	350 00	80 00
Supposed spark from chimney...	A. McD. Mays.....	34 25	600 00	34 25
Supposed spark from chimney...	M. Levy	1,181 65	4,500 00	1,181 65
Supposed spark from chimney...	M. Levy	272 00	600 00	272 00
Supposed spark from chimney...	Max Abrams.....	438 50	1,200 00	438 50
Supposed spark from chimney...	Robert Brownley.....	300 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
April 24.	1.55 a. m...	157	259-263 Clementina.....	Soda Water works.....	2 story brick....
April 24.	1.55 a. m...	157	762 Folsom	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	762 Folsom	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	762 Folsom	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	762 Folsom	Dwelling.....	3 story frame....
April 24.	1.55 a. m...	157	760 Folsom	Dwelling.....	2 story frame
April 24.	1.55 a. m...	157	764 Folsom	Dwelling.....	2 story frame
April 24.	1.55 a. m...	157	766 Folsom	Dwelling.....	2 story frame
April 24.	1.55 a. m ..	157	772 Folsom	Dwelling.....	2 story frame
April 25.	11.23 p. m...	25	914 Washington.....	Chinese wash-house.....	1 story frame
April 27.	3.05 p. m...	326	2616 Sutter.....	Dwelling.....	2 story frame....
April 28.	9.25 p. m...	61	5-7 Everett	Dwelling.....	2 story frame
April 28.	9.25 p. m...	61	5-7 Everett	Dwelling.....	2 story frame....
April 28.	9.25 p. m...	61	5-7 Everett	Dwelling.....	2 story frame
April 28.	9.25 p. m...	61	5-7 Everett	Dwelling.....	2 story frame
April 28.	9.25 p. m...	61	9-11 Everett	Dwelling.....	1 story frame
April 28.	9.25 p. m...	61	9-11 Everett	Dwelling.....	1 story frame
April 29.	11.49 a. m...	156	Fourth and Berry.....	Restaurant and saloon. .	2 story frame....
April 30.	1.45 a. m...	8	1513 Stockton.....	Furniture store.....	2 story frame....
April 30.	2.05 a. m...	326	Sutter and Central av..	Saloon and dwelling.....	2 story frame
April 30.	1.23 p. m...	25	738 Jackson	Chinese.....	1 story frame
April 30.	2.05 p. m...	183	606 Miuna.....	Dwelling.....	2 story frame
May 1...	1.40 a. m...	154	9-9½ Garden.....	Dwelling.....	2 story frame
May 1...	1.40 a. m...	154	9-9½ Garden.....	Dwelling.....	2 story frame....
May 2..	1.48 a. m...	48	Market and Third.....	Hotel.	5 story brick....
May 2...	1.48 p. m...	48	Market and Third.....	Oil tanks.	5 story brick....
May 2...	10.26 p. m...	47	873 Market.....	Clothing store	3 story frame....
May 2...	11.10 p. m...	123	Union and Larkin.....	Saloon and grocery.....	2 story frame
May 2...	11.10 p. m...	123	Union and Larkin.....	Dwelling.....	2 story frame
May 2...	11.10 p. m...	123	1234 Union	Unoccupied.....	2 story frame!....
May 2...	11.10 p. m...	123	1232 Union.....	Dwelling.....	3 story frame

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Supposed spark from chimney...	R. J. Soms	\$1,100 00		
Supposed spark from chimney...	R. J. Espy	502 14	\$4,500 00	\$432 14
Supposed spark from chimney...	F. J. Hund	113 00	1,500 00	113 00
Supposed spark from chimney...	C. Jones	50 00		
Supposed spark from chimney...	S. Ehlam	5 00	500 00	5 00
Supposed spark from chimney...	F. Roth	15 00	2,000 00	15 00
Supposed spark from chimney...	A. Smith	92 00	750 00	92 00
Supposed spark from chimney...	M. Nolan	92 00	750 00	92 00
Supposed spark from chimney...	E. Robinett	95 00	1,000 00	95 00
Carelessness with cigar	Ah Gin	20 00		
Children with matches	A. Kingsford	120 00	1,750 00	70 00
Defective chimney	J. Anderson	200 00	2,500 00	190 0
Defective chimney	F. Farino			
Defective chimney	F. R. Heidenreich	145 00	750 00	145 00
Defective chimney	Mrs. Driver	45 00	500 00	45 00
Defective chimney	Wm. Sullivan	237 00	1,100 00	237 00
Defective chimney	J. Stancliff	50 00		
Defective chimney	Wm. Ellis	365 00	3,500 00	365 00
Carelessness with matches	J. H. Bailey	150 75	1,000 00	150 75
Carelessness with cigar	L. M. Walters	340 00	6,000 00	340 00
Spark from chimney	Estate C. Sheppard	10 00		
Spark from chimney	John Bohn	22 00	1,000 00	22 00
Defective chimney	M. Cody	89 50	2,000 00	89 50
Defective chimney	Mrs. M. Gillan	10 00		
Explosion of oil tank	Wm. Ford	5 00		
Explosion of oil tank	J. D. Bidwell	50 00		
Defective flat-iron heater	Carroll & Felton	225 00	32,000 00	225 00
Carelessness with matches	Peter Heins	2,500 00	1,300 00	1,300 00
Carelessness with matches	Mrs. C. Heins	500 00		
Carelessness with matches	Mrs. C. Heins	750 00	1,000 00	750 00
Carelessness with matches	W. D. Barton	225 00	850 00	225 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
May 2...	11.10 p. m...	123	1232 Union.....	Dwelling.....	3 story frame
May 2...	11.10 p. m. .	123	1232 Union.	Saloon and grocery.....	3 story frame
May 3...	1.17 a. m...	271	Rear 819 Seventeenth..	Wood shed.....	1 story frame
May 5...	7.37 p. m...	192	Francisco b. Hyde & Lth	Dwelling.	1 story frame....
May 7...	12.23 a. m...	158	233-239 Fifth.....	Saloon and Grocery.....	1 story frame....
May 7...	12.23 a. m...	158	235 Fifth.....	Dwelling and tailors.....	1 story frame....
May 7...	12.23 a. m...	158	237 Fifth.....	Dwelling and cigar store..	1 story frame
May 7...	12.23 a. m...	158	237½ Fifth.....	Dwelling and store.	1 story frame....
May 8...	4.10 p. m...	158	229 Fifth.....	Unoccupied.....	3 story frame....
May 8...	6.58 p. m...	312	Jackson and Laguna..	.....	.....
May 9...	6.26 a. m...	246	2021 Geary.....	Dwelling.....	1 story frame....
May 9...	5.13 p. m...	174	1319 Golden Gate av...	Dwelling.....	2 story frame....
May 10...	2.38 p. m...	36	Pier 21, Steuart.....	Hay Barn.....	1 story frame....
May 10...	2.50 p. m...	36	Next north.....	Boat building & dwelling.	2 story frame
May 10...	2.50 p. m...	36	Rear.....	Unoccupied	1 story frame
May 10...	2.50 p. m...	36	Pier 22.....	Hay barn.....	1 story frame
May 10...	2.50 p. m...	36	249 Steuart.....	Salt works.....	2 story frame
May 10...	2.50 p. m...	36	249 Steuart.....	Police station.....	2 story frame
May 10...	2.38 p. m...	36	251 Steuart.....	Saloon.....	2 story frame
May 10...	2.50 p. m...	36	251 Steuart.....	Saloon and Dwelling.....	2 story frame
May 10...	2.50 p. m...	36	251 Steuart.....	Tinsmith	2 story frame
May 10...	2.50 p. m...	36	251 Steuart.....	Stevedore.....	2 story frame....
May 10...	2.50 p. m...	36	Steuart and Folsom...	Coffee saloon.....	1 story frame....
May 10...	2.50 p. m...	36	Steuart and Folsom...	Shipwright.	1 story frame....
May 10...	2.50 p. m...	36	Steuart and Folsom...	Paint shop.....	1 story frame....
May 10...	2.50 p. m...	36	East and Folsom.....	Saloon.....	2 story frame....
May 10...	2.50 p. m...	36	3 East.....	Restaurant.....	2 story frame....
May 10...	2.50 p. m...	36	Steuart.....	Lumber yard. ....	.....
May 10...	4.45 p. m...	3	1817 Stockton.....	Dwelling.....	2 story frame....
May 10...	10.16 p. m...	273	18th and Diamond.....	Hay barn.....	1 story frame
May 10...	11.57 p. m...	95	1023 Market.....	Harness shop.....	2 story frame....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Carelessness with matches	J. Keller.....	\$10 00	\$200 00	\$10 00
Carelessness with matches	J. Fry.....		1,000 00	
Wooden ash barrel.....	J. B. Dougherty	10 00		
Explosion of coal oil lamp.	W. D. Wallace.....	800 00		
Unknown	C. Katter.....	1,427 00	2,000 00	1,427 00
Unknown	L. R. Heitter.....	50 00		
Unknown	Ernest Thiele.....	50 00	1,100 00	50 00
Unknown	W. Carman.....		500 00	
Carelessness with matches		5 00		
False				
Burning chimney.....				
Wooden ash barrel.....	M. Rosenthal.....			
Spark from smoke-stack.....	Scott & McCord	7,083 00	4,750 00	4,750 00
Spark from smoke-stack.....	J. D. Griffin	1,900 00	1,000 00	9,000 00
Spark from smoke-stack.....	Middlemass & Boon.....	20 00		
Spark from smoke-stack.....	J. B. Rider	5,737 40	4,500 00	4,500 06
Spark from smoke-stack.....	E. M. Block.....	13,236 00	13,600 00	12,700 00
Spark from smoke-stack.	City and County.....	250 00		
Spark from smoke-stack.....	H. Branstadt	2,140 00	1,700 00	1,675 00
Spark from smoke-stack.....	J. Miller.....	900 00	1,000 00	900 00
Spark from smoke-stock.....	Wild & Spear	100 00		
Spark from smoke-stack.....	A. F. Spear.....	375 00	700 00	375 00
Spark from smoke-stack.....	J. Steffan.....	3,700 00	3,200 00	3,200 00
Spark from smoke-stack.....	Ross & Farnum.....	500 00		
Spark from smoke-stack.....	S. Hardis	500 00		
Spark from smoke-stack.....	Oreman & Co.....	4,000 00	3,800 00	3,800 00
Spark from smoke-stack.....	W. Lageman.....	1,400 00	1,400 00	1,400 00
Spark from smoke-stack.....	A. M. Simpson & Bro.	500 00		
Burning chimney.....				
Supposed incendiary	C. S. Healy.....	300 00	300 00	300 00
Unknown	Gray & Lynch.....	825 00	1,600 00	825 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
May 10..	11.57 p. m...	95	1023 Market	Barber shop.....	2 story frame....
May 10..	11.57 p. m...	95	1023 Market	Dwelling.....	2 story frame....
May 10..	11.57 p. m...	95	1023 Market	Tailor shop.....	2 story frame....
May 10..	11.57 p. m...	95	1025 Market.....	Dressmaking.	2 story frame
May 10..	11.57 p. m...	95	1025 Market.....	Photographic gallery.	2 story frame
May 11..	2.55 a. m...	25	611 Jackson.....	Chinese store.....	3 frame and brick
May 11..	2.55 a. m...	25	611 Jackson.....	Dwelling.	3 frame and brick
May 11..	9.51 a. m...	64	418 Natoma.....	Dwelling. ....	.....
May 12..	7.49 p. m...	276	329 Eighteenth.....	Dwelling.	2 story frame
May 13..	5.15 p. m...	156	Foot of Fourth.	Grain warehouse .....	.....
May 13..	5.47 p. m...	135	Walnut bet Polk & Lrku	Board fence .....	.....
May 13..	5.59 p. m...	183	SE cor Market & 8th....	Central Park building....	2 story frame....
May 13..	5.59 p. m...	183	SE cor Market & 8th....	Candy store.....	2 story frame....
May 13..	5.59 p. m...	183	SE cor Market & 8th....	Cigar store.	2 story frame....
May 13..	5.59 p. m...	183	SE cor Market & 8th..	Restaurant and dwelling.	2 story frame
May 13..	5.59 p. m...	183	SE cor Market & 8th..	Saloon.....	2 story frame....
May 13..	5.59 p. m...	183	SE cor Market & 8th..	Dressing-room.....	1 story frame....
May 17..	11.40 p. m...	281	Railroad av & Venezuela	Pork packing.....	1 story frame
May 17..	11.40 p. m...	281	Next on Fifth av.....	Butchers.	1 story frame
May 17..	11.40 p. m...	281	Next on Fifth av.....	Butchers.	1 story frame....
May 17..	11.40 p. m...	281	Next on Fifth av.....	Butchers.	1 story frame
May 17..	11.40 p. m...	281	Next on Fifth av.....	Tripe works	1 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Butchers.	1 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Butchers.	1 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Hyde House.....	1 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Dead horse factory.....	1 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Braiding-house.....	2 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Hog pen.....	2 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	Hogs.....	.....
May 17..	11.40 p. m...	281	West side Fifth av .....	.....	2 story frame
May 17..	11.40 p. m...	281	East side Fifth av.....	.....	2 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	C. G. Behrman	\$ 75 00	\$500 00	\$07 50
Unknown	Dr. Healy			
Unknown	N. Cohen			
Unknown	Mrs. Vandagna & Co.	225 00	4,500 00	225 00
Unknown	D. Sewell	31 25	1,200 00	31 25
Defective Chinese range	Lai Woh Lung & Co	140 00	5,000 00	140 00
Defective Chinese range	Ah Loom		500 00	
Spark from chimney	C. H. Wakley	5 00		
Explosion of coal oil lamp	David Levy	541 25	4,000 00	541 25
Falling warehouse	C. P. R. R. Co.			
Boys with matches		5 00		
Defective chimney	D. R. McNeill	3,542 80	3,400 00	3,400 00
Defective chimney	A. A. Okes	384 55	600 00	384 55
Defective chimney	R. Nichols	574 67	1,000 00	574 67
Defective chimney	A. F. Serpa	51 00	200 00	51 00
Defective chimney	D. R. McNeill	190 25	1,000 00	190 25
Defective chimney	D. R. McNeill	600 00	700 00	600 00
Unknown	Michelssen, Roth & Co.	40,000 00	33,825 00	27,075 00
Unknown	M. Brandenstein	3,500 00	2,000 00	2,000 00
Unknown	Crummy & Co.	100 00		
Unknown	M. Brandenstein	300 00		
Unknown	E. Artigues & Co.	13,250 00	2,750 00	2,750 00
Unknown	Eugene Avy	25 00	7,600 00	25 00
Unknown	M. Brandenstein	2,500 00		
Unknown	Beatty	5,750 00	5,750 00	5,750 00
Unknown	Lambert	1,000 00		
Unknown	Mrs. Pearson	5,000 00		
Unknown	Brown & Draper	2,400 00	2,000 00	2,000 00
Unknown	B. W. Brown	1,200 00	750 00	750 00
Unknown	N. & Bailey	4,400 00	3,000 00	3,000 00
Unknown	Steadman Estate	2,175 00	1,100 00	1,100 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
May 17..	11.40 p. m...	281	East side Fifth av.....	Dead horse factory.....	1 story frame
May 17..	11.40 p. m...	281	North side Railroad av.	Dwelling.....	2 story frame
May 17..	11.40 p. m...	281	North side Railroad av.	Dwelling and saloon.....	2 story frame
May 17..	11.40 p. m...	281	North side Railroad av.	Blacksmith shop.....	1 story frame
May 19..	9.40 a. m...	31	416 and 420 Sacramento	Cigar store.....	2 story brick.....
May 19..	9.40 a. m...	31	416 and 420 Sacramento	Syrups and extracts	2 story brick
May 20..	3.21 a. m...	15	28-30 Clay.....	Saloon and lodging-house.	2 story frame
May 21..	9.37 p. m...	32	16-18 Market.....	Lime and cement.....	2 story brick.....
May 21..	9.37 p. m...	32	16-18 Market.....	Chronometer works	2 story brick
May 21..	9.37 p. m...	32	16-18 Market.....	Printing office.....	2 story brick.....
May 21..	9.37 p. m...	32	16-18 Market.....	Stove store.....	2 story brick.....
May 22..	7.40 a. m...	84	1713 Market.....	Paint shop.....	1 story frame... ..
May 22..	7.40 a. m...	84	1713 Market.....	Sign painting.....	1 story frame
May 22..	7.40 a. m...	84	1715 Market.....	Plumbing shop	1 story frame
May 22..	7.40 a. m...	84	1717 Market.....	Shoemaker	1 story frame
May 22..	7.40 a. m...	84	1719 Market.....	Fruit store.....	1 story frame
May 22..	7.40 a. m...	84	1721 Market.....	Soda works.....	1 story frame.....
May 23..	5.28 p. m...	91	227 Golden Gate ave...	Dwelling.....	.....
May 25..	6.47 p. m...	371	711 Sutter.....	Plumbers' shop.....	1 story frame....
May 26..	1.54 a. m...	273	Castro and 18th.....	Saloon.....	2 story frame....
May 27..	1.27 a. m...	154	615-617 Brannan.....	Furniture factory....	3 story frame....
May 27..	1.27 a. m...	154	615-617 Brannan.....	Tool makers.....	3 story frame....
May 27..	1.27 a. m...	154	615-617 Brannan.....	Machinery.....	3 story frame....
May 27..	1.27 a. m...	154	615-617 Brannan.....	Wood carving.....	3 story frame
May 27..	1.27 a. m...	154	615-617 Brannan.....	Tools.....	3 story frame
May 27..	1.27 a. m...	154	Rear 615-617 Brannan..	Engine and dry house...	1 story brick.....
May 27..	1.27 a. m...	154	Rear on Bluxome.....	Furniture factory.....	2 story frame....
May 27..	1.27 a. m...	154	613 Brannan.....	Saloon and dwelling.....	1 story frame
May 27..	1.27 a. m...	154	Rear 613 Brannan.....	Storage for furniture....	2 story frame
May 27..	1.27 a. m...	154	Rear 613 Brannan.....	Stable.....	2 story frame... ..
May 27..	1.27 a. m...	154	619 Brannan.....	Marble works.....	1 story frame

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	C. Alpers.....	\$1,500 00	.....	.....
Unknown	Mrs. E. Dippel.....	25 00	\$2,000 00	\$25 00
Unknown	Peter Castagnet.....	38 00	2,000 00	38 00
Unknown	Nick Lubke.....	62 00	1,500 00	62 00
Unknown.....	Louis Cohen.....	1,918 55	18,500 00	2,918 55
Unknown	Louis Cohen.....	282 75	8,800 00	282 75
Carelessness with cigar.....	N. P. Lundbeig.....	100 00	1,600 00	100 00
Carelessness with matches.....	H. T. Holmes.....	375 00	7,600 00	375 00
Carelessness with matches.....	Thomas Tennent.....	300 00	.....	.....
Carelessness with matches.....	J. F. James.....	125 00	400 00	125 00
Carelessness with matches.....	Anderson & Fallon.....	.....	1,000 00	.....
Spontaneous combustion.....	E. H. Herrick.....	1,273 80	900 00	273 80
Spontaneous combustion.....	I. Pratt.....	50 00	.....	.....
Spontaneous combustion.....	T. F. Ward.....	350 00	500 00	350 00
Spontaneous combustion.....	Joseph Dietrick.....	10 00	.....	.....
Spontaneous combustion.....	Mrs. M. Holladay.....	25 00	.....	.....
Spontaneous combustion.....	Welch & Walsh.....	100 00	2,000 00	.....
Burning chimney.....	.....	.....	.....	.....
Carelessness with matches.....	J. W. O'Donnell & Co....	1 00	.....	.....
Unknown	James Bromley.....	324 50	3,600 00	324 50
Unknown	Herman Granz.....	12,000 00	2,000 00	2,000 00
Unknown	Geo. Brandlein.....	700 00	200 00	200 00
Unknown	John Cuff	1,313 00	750 00	750 00
Unknown	Geo. Thomas & Son.....	200 00	200 00	200 00
Unknown	Benj. Wehle.....	100 00	100 00	100 00
Unknown.....	G. H. Fuller.....	175 00	.....	.....
Unknown	G. H. Fuller.....	100 00	3,500 00	50 00
Unknown.....	Henry Feldman.....	25 00	700 00	25 00
Unknown.....	Herman Granz.....	600 00	.....	.....
Unknown	Herman Granz.....	50 00	.....	.....
Unknown	J. & F. Kessler.....	6,900 00	2,650 00	2 650 00

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE	TIME.	BOX	LOCATION.	HOW OCCUPIED.	STYLE.
May 27..	6.13 p. m...	62	762 Mission	Furniture store.....	4 story brick.....
May 27..	10.40 p. m...	147	2315 Howard.....	Dwelling.	2 story frame
May 27..	10.40 p. m...	147	2315 Howard.	Dwelling.	2 story frame
May 28..	11.49 a. m...	39	Howard St. Wharf.....	Bark "Talbot".....	.....
May 28..	9.04 p. m...	91	13 Leavenworth.....	Dwelling	2 story frame....
May 29..	3.57 p. m...	321	2510 California....	Dwelling	2 story frame....
May 29..	9.15 p. m...	273	W s 18th nr Castro....	Stable.....	2 story frame
May 30..	8.20 p. m...	128	1327 Clay.....	Dwelling.....	2 story frame....
May 31..	1.48 a. m...	98	13 Stockton.....	Saloon.....	2 story frame....
May 31..	1.48 a. m...	98	13 Stockton... ..	Show cases.....	2 story frame
May 31..	4.51 p. m...	361	Rear 107 Ridley.....	Wood shed.....	1 story frame
June 1..	9.15 p. m...	73	Howard bet 8th & 9th..	Brewery.....	— frame.....
June 2..	12.05 a. m...	68	498 Fourth.....	Sausage factory....	1 story frame
June 2..	11.02 p. m...	381	207 Waller.....	Dwelling.	1 story frame....
June 2..	11.18 p. m...	76	1239 Mission.....	Wood and coal.....	2 story frame....
June 2..	11.18 p. m...	76	1239 Mission.....	Dwelling.	2 story frame
June 2..	11.18 p. m...	76	1245 Mission.....	Dwelling & Butcher shop.	2 story frame....
June 2..	11.18 p. m...	76	1245 Mission.....	Dwelling.	2 story frame
June 2..	11.18 p. m...	76	1247 Mission.....	Cigar store.....	2 story frame
June 3..	12.32 a. m...	64	846 Howard....	Saloon and Dwelling....	2 story frame
June 3..	12.32 a. m...	64	848 850 Howard	Carriage factory.....	2 story frame....
June 3..	12.32 a. m...	64	848-850 Howard	Union stable.	2 story frame
June 3..	12.32 a. m...	64	848-850 Howard.....	Lodging-house.....	2 story frame
June 3..	3.49 p. m...	84	51 Brady.....	Saloon and Dwelling....	2 story frame
June 4..	7.29 p. m...	137	833 Geary.....	Stable & Blacksmith shop	2 story frame
June 6..	10.27 p. m...	49	308 Stockton.....	Tilcs, mantels, grates....	4 story brick
June 9..	4.50 p. m...	81	Van Ness av nr Hayes..	Unoccupied shed.....	1 story frame
June 9..	8.18 p. m...	93	120 Turk.....	Dwelling.	2 story frame
June 11.	2.40 a. m...	15	Shed in rear 28-30 Clay.	Storeroom.....	1 story frame
June 11.	10.00 p. m...	235	22d and P avenue.....	.....	.....
June 14.	9.28 p. m...	73	228 Eighth	Dwelling	2 story frame

STATEMENT OF FIRES AND ALARMS.

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FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Carelessness with cigarette.....	M. Messe	\$10,740 00	\$11,000 00	\$7,240 00
Explosion of coal oil lamp.....	W. Dornin.....	960 00	2,000 00	860 00
Explosion of coal oil lamp.....	Geo. Partridge.....	50 00	.....	.....
Spark from hoisting engine	Enoch Talbot.....	5 00	.....	.....
Carelessness with matches..	James Conlan.....	525 00	4,500 00	525 00
Carelessness with matches.....	Mrs. H. E. Reynolds ..	76 25	5,200 00	76 25
Pipe smoking.....	W. Samuels	125 00	.....	.....
Carelessness with matches,	Mrs. A. Hood	508 00	8,000 00	508 00
Unkuown	E. J. Cline.....	700 00	3,500 00	700 00
Unknown	C. E. Boman.....	16 00	2,000 00	16 00
Children with matches	Dr. Davis.....	5 00	.....	.....
Burning chithney.....	M. Numan .....	.....	.....	.....
Defective smoke-house	J. Buttgenback.....	95 00	2,050 00	95 00
Defective chimney.....	J. McCann.....	375 00	1,000 00	275 00
Explosion of coal oil lamp.....	E. S. Wensinger.....	125 00	1,100 00	25 00
Explosiou of coal oil lamp.....	Owen Dugan.....	200 00	.....	.....
Explosion of coal oil lamp.....	R. Serle	155 00	1,200 00	130 00
Explosion of coal oil lamp.....	Mrs. Annie Dwyer.....	35 00	200 00	35 00
Explosion of coal oil lamp.....	Lep & Harms .....	.....	1,100 00	.....
Defective forge.....	M. Butler.....	535 00	1,350 00	535 00
Defective forge....	M. Kitzmuller.....	7,477 00	4,500 00	3,675 00
Defective forge.....	W. T. Russell.....	.....	2,000 00	.....
Defective forge.....	John McGurk.....	300 00	.....	.....
Defective chimney.....	J. Benson.....	25 00	400 00	25 00
Carelessness with cigar.....	Wm. Craddock.....	20 00	400 00	10 00
Supposed Cigarette smoking....	E. A. Pattison.....	5,600 00	53,800 00	5,600 00
Boys with matches.....	Hennessy.....	10 00	.....	.....
Defective chimney	H. Beckman.....	5 00	.....	.....
Spontaneous combustion.....	N. P. Lundberg.....	137 50	1,000 00	37 50
Burning brush.....	.....	.....	.....	.....
Defective stove-pipe.....	Mike Powers.....	10 00	.....	.....

STATEMENT OF DETAILS OF FIRES AND ALARMS

DATE.	TIME.	BOX.	LOCATION.	HOW OCCUPIED.	STYLE.
June 18.	4.07 a. m...	381	228 Webster.....	Dwelling.	1 story brick....
June 18.	12.40 p. m...	32	203-207 Mission.....	Flour mill	4 story frame ...
June 23.	3.05 p. m...	35	432 Pine.....	S. F. Art Associatson....	2 story brick
June 23.	3.05 p. m...	35	432 Pine.....	Produce stall.....	2 story brick.
June 23.	9.29 p. m...	39	.....	.....	.....
June 23.	10.52 p. m...	58	.....	.....	.....
June 24	1.20 p. m...	156	Rear SE. cor. 5th & Berry	Stable.....	1 story frame ...
June 24.	11.19 p. m...	42	10 O'Farrell.....	Meeting room.....	2 story frame ...
June 24.	11.19 p. m...	42	310 O'Farrell.....	Saloon.....	2 story frame
June 24.	11.19 p. m...	42	308 O'Farrell.....	Dwelling and Dressmaking	2 story frame ...
June 25.	7.47 p. m...	236	.....	.....	.....
June 26.	9.56 a. m...	273	State, bet. 16th and 17th	.....	.....
June 27.	10.20 a. m...	91	412 Eddy.....	Dwelling.	2 story frame ...
June 27.	6.33 a. m...	17	1102 Dupont.....	Shirt factory.....	2 story frame....
June 28.	12.40 a. m...	76	1137-1139 Market	Saloon....	1 story frame....
June 28.	12.40 a. m...	76	1141-1143 Market	Hay and grain.....	2 story frame....
June 28.	12.40 a. m...	76	1141-1143 Market	Cigar store.....	2 story frame....
June 28.	12.40 a. m...	76	1141-1143 Market	Lodging-room....	2 story frame
June 28.	12.40 a. m...	76	1141-1143 Market	Lodging-room....	2 story frame
June 28.	12.40 a. m...	76	1147 Market....	Saloon.....	1 story frame
June 28.	12.40 a. m...	76	1149 Market.....	Jewelry store.....	3 story frame
June 28.	12.40 a. m...	76	1149 Market.....	Lodging-house.....	2 story frame
June 28.	12.40 a. m...	76	632-634 Stevenson	Dwelling.	2 story frame
June 28.	12.40 a. m...	76	636-638 Stevenson	Dwelling.	2 story frame
June 28.	12.40 a. m...	76	636-638 Stevenson	Dwelling.	2 story frame
June 28.	12.40 a. m...	76	636-638 Stevenson	Dwelling.	2 story frame
June 28.	12.40 a. m...	76	640-642 Stevenson	Dwelling.	2 story frame
June 28.	12.40 a. m...	76	640-642 Stevenson	Dwelling.	2 story frame
June 28.	8.14 p. m...	45	517 Geary....	Paint store.....	2 story frame
June 29.	8.52 p. m...	324	California & Central av.	Brush.....	.....

FOR THE YEAR ENDING JUNE 30, 1887.

CAUSE.	OWNER OR OCCUPANT.	LOSS.	INSURANCE	PAID.
Unknown	Geo. R. Baum	\$998 50	\$3,650 00	\$998 50
Spark from smoke-stack.....	C. S. Laumeister.....	115 00	5,500 00	115 00
Defective chimney.....	J. B. Haggin	1,000 00	7,500 00	1,000 00
Defective chimney.....	A. Asman & Co.....	25 00	500 00	25 00
False.....	.....	.....	.....	.....
False.....	.....	.....	.....	.....
Cigarette smoking.....	Mrs. E. Allen.....	10 00	.....	.....
Unknown.....	F. D. Geneinde.....	.....	4,000 00	.....
Unknown.....	Chas. Voss.....	110 00	1,000 00	110 00
Unknown.....	N. McAndrews.....	444 00	3,500 00	444 00
False.....	.....	.....	.....	.....
Burning grass .....	.....	.....	.....	.....
Back draft in grate.....	D. C. Marchutz.....	.....	.....	.....
Fireworks.....	Gee Chong.....	10 00	.....	.....
Incendiary	J. Curtain	964 60	1,100 00	964 00
Incendiary	J. McFarland.....	1,208 0	2,050 00	800 00
Incendiary	Bertram & Murphy.....	1,453 00	500 00	500 00
Incendiary	E. Darling.....	150 00	.....	.....
Incendiary	John Tracy.....	100 00	.....	.....
Incendiary	C. Dehlen.....	170 00	.....	.....
Incendiary	E. C. Gregory.....	300 00	700 00	.....
Incendiary	J. Freith.....	200 00	.....	.....
Incendiary	M. Cavanaugh.....	331 50	2,000 00	281 50
Incendiary	Mrs. D. Dunnett.....	331 51	1,500 00	281 50
Incendiary	— Watts.....	13 15	500 00	13 15
Incendiary	C. Leonhardt.....	80 00	700 00	80 00
Incendiary	H. F. Morrison	205 50	500 00	5 50
Incendiary	Mrs. Fletcher.....	30 00	.....	.....
Carelessness with matches	E. Price & Son.....	5 00	.....	.....
Incendiary .....	.....	.....	.....	.....

REPORT OF THE SUPERINTENDENT

OF THE

Fire Alarm and Police Telegraph.

OFFICE FIRE ALARM AND POLICE TELEGRAPH,
SAN FRANCISCO, June 30, 1887.

*To the Honorable the Board of Supervisors
Of the City and County of San Francisco :*

GENTLEMEN—I have the honor to submit herewith to you for consideration the Twenty-second Annual Report of the Fire Alarm and Police Telegraph, which contains a statement of work performed, improvements made, expenditures, receipts, etc., during the fiscal year ending June 30, 1887 :

ALARMS.

Fires.....	299
Second alarms.....	6
Third alarm.....	1
Total.....	306

Being the highest number of alarms ever sounded by this office.

No additions have been made to the number of signal circuits; they remain at the same figure, viz, 13.

BOXES.

Seven automatic boxes were purchased during the year, three of which have been put up in place of crank boxes Nos. 81, 214, 237; four are on hand which will be put up as soon as painted. This reduces the number of crank boxes to 17. The number of Signal Stations is 188, divided into the following classes: Automatic boxes, 171; crank boxes, 17. Their locations are as follows :

SIGNAL BOXES.

Box.

- 2—S. W. corner Mason and Lombard.
- 3—S. E. corner Stockton and Greenwich.
- 4—N. W. corner Sansome and Greenwich.
- 5—N. E. corner Battery and Union.
- 6—S. E. corner Montgomery and Green.
- 7—S. E. corner Kearny and Union.
- 8—S. W. corner Powell and Union.
- 9—N. E. corner Dupont and Vallejo.
- 12—S. W. corner California and Kearny.
- 13—S. W. corner Front and Broadway.
- 14—S. W. corner Stockton and Broadway.
- 15—N. W. corner Clay and East.
- 16—N. W. corner Mason and Pacific.
- 17—N. E. corner Pacific and Kearny.
- 18—N. E. corner Sansome and Jackson.
- 19—N. E. corner Davis and Washington.
- 21—S. E. cor. Clay and Kearny.
- 23—S. E. corner Clay and Taylor.
- 24—S. E. corner Clay and Powell.
- 25—N. W. corner Washington and Dupont.
- 26—S. E. corner Clay and Battery.
- 27—N. W. corner Montgomery and Commer'l
- 28—N. W. corner Pine and Dupont.
- 29—N. W. corner Stockton and California.
- 31—N. W. corner Sansome and Halleck.
- 32—N. E. corner California and Drumm.
- 34—S. W. corner Mission and Steuart
- 35—S. E. corner Montgomery and Pine.
- 36—N. W. corner Folsom and Steuart.
- 37—N. E. corner Battery and Bush.
- 38—S. W. corner Market and Second.
- 39—S. E. corner Howard and Spear.
- 41—N. W. corner Sutter and Jones.
- 42—S. E. corner Geary and Mason.
- 43—O'Farrell, near Dupont.
- 45—S. E. corner O'Farrell and Jones.
- 46—N. W. corner Sutter and Kearny.
- 47—S. W. corner Eddy and Powell.
- 48—S. W. corner Geary and Kearny.
- 49—N. W. corner Stockton and Sutter.
- 51—N. W. corner Folsom and Beale.
- 52—S. W. corner Mission and Fremont.
- 53—King, East of Third.
- 54—Engine No. 4, Second, near Howard
- 56—South side Bryant, west of First.
- 57—N. W. corner Brannan and Second.
- 58—N. W. corner Folsom and First.
- 59—S. W. cor. Brannan and First.
- 61—S. W. corner Howard and Third.
- 62—S. W. corner Mission and Fourth.

Box.

- 63—N. W. corner Harrison and Fourth.
- 64—S. W. corner Howard and Fifth.
- 65—S. W. corner Mission and Sixth.
- 67—N. E. corner Harrison and Hawthorne.
- 68—N. E. corner Brannan and Fourth.
- 69—N. W. corner Bryant and Third.
- 71—S. W. corner Mission and Eleventh.
- 72—S. E. corner Mission and Thirteenth.
- 73—S. E. corner Howard and Eighth.
- 74—Engine No. 7, Sixteenth street.
- 75—N. W. corner Jones and McAllister.
- 76—S. W. corner Market and Hayes.
- 78—N. E. corner Folsom and Ninth.
- 79—S. E. corner Folsom and Twelfth.
- 81—S. W. corner Franklin and Hayes.
- 82—N. E. corner Fulton and Gough.
- 83—N. E. corner Octavia and Oak.
- 84—Valencia and Market.
- 85—S. E. corner Laguna and Hayes.
- 86—S. W. cor. Oak and Van Ness av.
- 91—N. E. corner Hyde and Turk.
- 92—S. E. corner Franklin and Turk.
- 93—N. E. corner Jones and Turk.
- 94—S. E. corner Polk and Ellis.
- 95—N. W. corner Taylor and Golden Gate av.
- 96—S. W. corner Ellis and Taylor.
- 97—S. E. cor. McAllister and Polk.
- 98—Stockton and Ellis.
- 123—S. W. corner Hyde and Union.
- 124—North Point and Larkin.
- 125—N. W. corner Filbert and Jones.
- 126—S. E. corner Hyde and Washington.
- 127—S. E. corner Broadway and Polk.
- 128—S. E. corner Clay and Leavenworth.
- 129—N. W. corner Pacific and Leavenworth.
- 132—S. W. corner Pine and Mason.
- 134—S. E. corner Bush and Hyde.
- 135—S. E. corner Bush and Polk.
- 136—S. E. corner Post and Van Ness avenue
- 137—S. W. corner Post and Larkin.
- 138—S. W. corner California and Larkin.
- 139—S. E. corner O'Farrell and Hyde.
- 142—N. E. corner Valencia and Twentieth.
- 143—N. E. corner Mission and Twenty-second.
- 145—N. W. corner Folsom and Twenty-second.
- 146—N. E. corner Folsom and Sixteenth.
- 147—N. E. corner Howard and Twentieth.
- 148—N. E. corner Mission and Sixteenth.
- 149—N. E. corner Folsom and Eighteenth.
- 152—N. W. corner Brannan and Eighth.

SIGNAL BOXES—CONTINUED.

Box.

- 153—N. W. corner Harrison and Seventh.
- 154—N. W. corner Bryant and Sixth.
- 156—N. E. corner Fourth and Berry.
- 157—N. W. cor. Fourth and Folsom.
- 158—N. W. cor. Folsom and Fifth.
- 159—N. W. corner Folsom and Sixth.
- 162—S. E. corner Pacific and Franklin.
- 163—S. E. corner Sacramento and Franklin.
- 164—S. E. corner Clay and Polk.
- 172—S. E. corner McAllister and Buchanan.
- 173—S. W. corner Ellis and Buchanan.
- 174—N. E. corner Turk and Fillmore.
- 175—N. E. corner Webster and Grove.
- 176—N. W. cor. Post and Octavia.
- 178—N. W. corner Buchanan and Geary.
- 182—N. E. corner Sixth and Townsend.
- 183—S. E. corner Mission and Eighth.
- 184—Folsom and Rausch.
- 185—N. E. cor. Tenth and Harrison.
- 192—S. W. cor. Francisco and Mason.
- 193—S. W. corner Hyde and Chestnut.
- 194—N. W. corner Stockton and Francisco.
- 213—S. W. corner Bush and Buchanan.
- 214—S. E. corner Bush and Steiner.
- 215—S. W. corner Washington and Webster.
- 216—S. E. corner Sacramento and Fillmore.
- 217—S. E. corner Bush and Devisadero.
- 218—N. E. corner Post and Fillmore.
- 210—S. E. corner Filbert and Fillmore.
- 231—N. W. corner Howard and Twenty-fourth.
- 234—N. W. corner Harrison and Twenty-fourth.
- 235—S. W. cor. Twenty-Second and Potrero av.
- 236—N. E. corner Mission and Twenty-sixth.
- 237—S. W. corner Dolores and Twenty-second.
- 238—Potrero av. and Santa Clara.
- 239—N. W. cor. Butte and Bryant av.
- 241—S. E. corner Gough and Bush.
- 243—N. W. corner Clay and Scott.
- 245—S. W. corner Geary and Steiner.
- 246—S. E. corner Geary and Devisadero.
- 247—N. W. corner Turk and Scott.

Box.

- 248—N. E. corner Devisadero and Fulton.
- 251—N. E. corner Broadway and Octavia.
- 253—N. E. corner Union and Laguna.
- 254—N. E. corner Union and Pierce.
- 256—S. E. cor. Fillmore and Pacific.
- 261—S. W. corner Stevenson and Ecker.
- 263—N. E. cor. Main and Bryant.
- 264—N. E. cor. California and Front.
- 271—S. W. corner Seventeenth and Church.
- 273—Eighteenth, east of Castro.
- 274—N. W. cor. Twenty-fourth and Guerrero.
- 275—N. E. cor. 24th and Church.
- 276—S. W. cor. Valencia and 18th.
- 281—San Bruno Road and Twenty-eighth.
- 283—N. W. cor. 28th and Church.
- 284—N. W. cor. 29th and Mission.
- 285—S. W. cor. 25th and Florida.
- 286—N. E. cor. 24th and York.
- 291—S. W. corner Jones and Vallejo.
- 312—N. E. corner Jackson and Laguna.
- 314—S. E. corner California and Laguna.
- 321—S. E. corner Pierce and California.
- 324—S. E. corner Sacramento and Broderick.
- 325—S. E. corner California and Central ave.
- 326—S. E. corner Sutter and Baker.
- 327—N. W. cor. Geary and Boyce.
- 341—S. W. cor. Ellis and Pierce.
- 342—S. E. cor. Golden Gate Av. & Octavia.
- 351—N. W. cor. Montgomery and Broadway.
- 352—North Point and Kearny.
- 361—S. E. cor. Ridley and Guerrero.
- 362—N. W. corner Noe and Fifteenth.
- 364—S. E. corner Howard and Fourteenth.
- 365—Alameda and Channel.
- 371—N. E. corner Sutter and Mason.
- 372—S. E. corner Post and Leavenworth.
- 381—S. E. corner Haight and Buchanan.
- 382—N. W. corner Fillmore and Waller.
- 384—N. E. corner Webster and Oak.
- 385—S. E. corner Haight and Scott.

SOUTH SAN FRANCISCO BRANCH.

- 2—San Bruno Road and 28th.
- 3—N. E. cor. First avenue and Kentucky.
- 4—S. W. cor. Fifteenth avenue and P.
- 5—East side Kentucky, bet. Sierra and Nevada.

- 6—S. W. cor. Butte and Kentucky.
- 7—Fifth avenue and M.
- 8—Michigan, between Sierra and Nevada.

GONGS AND TOWER BELLS.

Ninety-two Gongs and Tower Bells are operated directly from this office.

Gongs (large).....	47
Gongs (small).....	39

BELLS.

Of 4,500 pounds weight.....	1
Of 2,000 " ".....	4
Of 800 " ".....	1
Of 300 " ".....	2
Total.....	94

BATTERIES.

The battery consists of 179 Gravity cells, 119 Electropoion and 9 Fuller.

LINES.

The department at present has in operation 145 miles of wire, divided into 13 signal, 7 alarm and 2 tapper circuits. The lines are in good order.

EXTENSIONS.

Alarm circuit No. 1, which embraces that section of the city north of Clay and east of Stockton streets, was tapped at the corner of Front and Jackson streets and extended along Front to Broadway, to Battery, to Union and Battery streets, and run into the engineer's room of the American Sugar Refinery, where a gong has been placed in direct connection with the Central Office. The purpose of this extension is to apprise the officers and crew of the fire-boat, while at work on the bay, of the existence of a fire in the city; the signal reaching them by means of a large steam whistle which will sound—day or night—the number of the box struck upon the gong. Tapper circuit No. 1 was extended from the office of the Fire Commissioners along Clay to Battery, to Market, to Stevenson, to the headquarters of the Underwriters' Fire Patrol No. 1, and connected into a gong there. This line was subsequently continued to Second and Mission streets, to the quarters of the same company, upon their abandoning their old house and occupying their present temporary location. Tapper circuit No. 2 was established by extending it from the residence of Fire Sergeant Nichols, at the corner of Bush and Kearny streets, along the former street to Stockton, to O'Farrell, to Powell, to Eddy, to Mason, to Turk, to Hyde, to Ellis, to Polk, to the corner of Eddy, and connected with a gong at the headquarters of Patrol No. 2. The extension of these tapper circuits has enabled me to remove signal circuits Nos. 1, 2, 3 and 4 from Patrol No. 1, and Nos. 6 and 10 circuits from Patrol No. 2. This arrangement gives better satisfaction, and at the same time the extra wire and instruments in the signal circuits thus dispensed with improve the working of those circuits to a marked degree.

An auxiliary, or repeating circuit, was run from the gong in the residence of the Superintendent of Engines, on Golden Gate avenue, to Buchanan, to McAllister, to Fillmore, to Haight, to Ashbury to the residence of the Assistant Superintendent of Engines, where a gong was placed, using 23 blocks of No. 12 wire. This circuit is supplied by an independent battery of 9 Fuller cells, and is operated by means of a contact maker attached to the

gong in the residence of the Superintendent of Engines. A new line of No. 9 wire was constructed over the new Kentucky-street bridge in South San Francisco, connecting Hose Co. No. 7 with Engine Co. No. 11. This was made necessary on account of filling in and the consequent abandonment of the old bridge and lines running over it. I have also run an auxiliary tapper circuit from Patrol No. 2, along Polk street to near Market, into the residence of J. Wills, Relief District Engineer, and placed a gong therein.

Alarm circuit No. 4 was tapped at the house of Engine Co. No. 15, on California street, between Laguna and Buchanan, and the loop extended along California to Gough, where an encased gong was placed, thereby establishing a "line" station for the benefit of the above company; five blocks of new No. 9 wire were used.

GENERAL REPAIRS.

I have overhauled and repaired our lines of poles and wires in the following streets, tightening the wires, inserting new wire where necessary, taking out all unsafe poles and substituting sound ones; have devoted particular attention to corners, or turning points, taking out the old poles, whether sound or otherwise, and replacing them with poles of larger dimensions, and using new arms and iron pins, viz :

Pine, from Stockton to Leavenworth, to California, to Hyde, to Post; Union, from Fillmore to Pierce, to Filbert, to Buchanan, to Union, to Octavia, to Broadway, to Polk; Clay, from Fillmore to Devisadero, to Sacramento, to Broderick, to California, to Central avenue, to Bush; Devisadero, from Sacramento to Bush; Sutter, from Baker to Devisadero, to Bush, to Buchanan; Pierce, from California to Bush; Stockton, from California to Market; Fourth, from Market to Folsom, to Sixth; Market, from Second to Third; First, from Mission to Market; Battery, from Market to Clay, to Kearny; Clay, from Davis to Battery. Two blocks of new wire were used in Sutter street, between Kearny and Dupont, in removing signal circuit No. 10 to the south side while repairs to a building on the north side were being made. One block each in signal circuit No. 3 and alarm circuit No. 3, on Market, between Third and Fourth. Two blocks new wire were used in transferring the circuits to 50-foot poles at Third and Market and at Geary and Market. New wire in signal circuit No. 5, on Clay from Steiner to Scott. New wire in signal circuits Nos. 5 and 9, on Clay, from Stockton to Hyde, and in signal circuit No. 11, on Clay, from Stockton to Polk. New wire in alarm circuit No. 2, in Folsom, from Fourth to Sixth. New wire in signal circuit No. 2, in Sansome, from Clay to Halleck, thereby changing the route of the circuit so as to dispense with one side of the loop to box 31. New wire in signal circuit No. 3, on Brannan, from First to Second. New wire in portions of signal circuits 3 and 4, on Brannan street, between Second and Third.

1 stretch No. 9 wire.....	Sixth and Mission
1 stretch No. 9 wire.....	Hyde and Sutter
1 stretch No. 9 wire.....	Dupont and Filbert
2 stretches No. 9 wire.....	Dupont and Market
2 stretches No. 9 wire.....	Turk and Jones
3 stretches No. 9 wire.....	Stockton and Lombard
1 stretch No. 9 wire.....	Hayes and Market
1 stretch No. 9 wire.....	Geary and Stockton
2 stretches No. 9 wire.....	Pine and Stockton
1 stretch No. 9 wire.....	Pacific and Franklin
1 stretch No. 9 wire.....	Post and Franklin
2 stretches No. 9 wire.....	Sutter and Jones
1 stretch No. 9 wire.....	Broadway and Franklin
3 stretches No. 9 wire.....	San Bruno Road, near Twentieth
2 stretches No. 9 wire.....	Second and Market
1 stretch No. 9 wire.....	Sixteenth and Market
3 stretches covered copper line wire.....	First and Brannan
1 stretch covered copper line wire.....	McAllister and Larkin
2 stretches covered copper line wire.....	Sutter, between Dupont and Kearny

New drop wires have been run into the following stations: Nos. 12, 16, 17, 19, 25, 29, 49, 62, 91, 93, 126, 134, 219, 237, 274, 281. Wires have been re-run at the following houses: Hose Co. No. 2, South Harbor Police Station, Folsom-street Police Station.

TRANSFERS.

I have transferred our lines to the poles of the Pacific Bell Telephone Company as follows: In Fillmore, from Broadway to Union, dispensing with the poles, which were in an advanced state of decay. In Larkin, from McAllister to Market, the poles there being also worthless. In Broadway, from Octavia to Laguna, taking out the old poles. I have transferred signal circuit No. 6 to poles of the California Electric Light Company in Geary, from Buchanan to Steiner, and from Scott to Devisadero, also taking out the old poles.

BOX REPAIRS.

All the boxes have been given two coats of vermilion. The pipes have been painted and more firmly stapled. The drop wires, where exposed, painted with paraffine paint, and in many places new protecting pipes put up for both drop and ground wires. The painting of the boxes, heretofore let out by contract, was this year done by the repair force.

CHANGES.

The route of alarm circuit No. 4 has been changed as follows: Commencing at the intersection of Pine and Hyde streets, new wire was strung in Hyde to Sutter, to Jones, there intersecting the original line; this change enabled us to dispense with a long loop.

Tapper circuit No. 2 has been changed from housetops to poles in Dupont street, from Pine to Clay.

IMPROVEMENTS.

The Bell hammers and frames at the houses of Engine Cos. No. 4, 5, 6, 7 and 8, and at the Central Office, have been enclosed in a moveable cover, made of light matched lumber, with zinc top, which effectually protects the striking mechanism from the weather.

On account of the vast number of circuit interruptions caused during and immediately subsequent to the snow-storm of February 5th, by other wires (which cross at right angles with the F. A. wires) being sagged by the weight of snow until they rested upon the F. A. lines, I have devised and introduced an arrangement by which difficulties of this nature will in the future be prevented. This improvement consists of a simple iron bar, four feet long, two inches wide and one-half inch thick, and is bolted to and runs above the top of the pole, about twenty inches, at either side of the point of crossing, then a heavy wire is stretched from bar to bar parallel with the F. A. wires and underneath the foreign wires.

I have placed these safety wires at the following points: Second and Bryant, Fourth and Bryant, Sixteenth and Mission, Turk and Taylor, Sansome and Halleck, Sansome and Clay, California and Battery, Ellis and Larkin, Pacific and Leavenworth, Third and Minna, Bush and Gough, California and Broderick, Geary and Buchanan, California and Devisadero, Octavia and McAllister, Clay and Battery, Geary and Taylor, Fifth and Folsom, Fourth and Mission, Turk and Larkin, Buchanan and McAllister, Bush and Fillmore, Pine and Pierce, Spear and Folsom, California and Leavenworth, California and Gough, Fifth and Mission, California and Hyde, Eleventh and Market, Ridley and Valencia, Sixteenth and Valencia, Twenty-fourth and Valencia, Geary and Market.

I have placed in the Operating Room a new double-spring-jack switch-board, with Rheostat and Differential galvanometer, which can be converted into a Wheatstone Bridge, or Balance, for the more accurate testing of the resistance of the lines and the location of faults. Much valuable time can be saved through this means.

TREE TRIMMING.

After due notice had been served, trees were trimmed at the following places :

	No.		No.
1013 Vallejo.....	1	116 Turk.....	2
1011 Vallejo.....	2	Turk and Van Ness.....	4
1005½ Vallejo.....	4	1424 Turk.....	1
Second and Bryant ..	9	1428 Turk.....	1
519 Montgomery avenue.....	1	1430 Turk.....	1
1575 Folsom.....	3	1710 Turk }	3
1581 Folsom.....	3	1712 Turk }	
Twenty-sixth and Howard.....	5	1014 Devisadero.....	2
933 Valencia.....	1	1012 Devisadero.....	1
2353 Howard.....	5	1208 Devisadero.....	3
717 Seventeenth.....	5	1926 Ellis.....	1
530 Seventeenth.....	8	2513 Sutter	2
113 Guerrero.....	2	1806 Post.....	2
111 Guerrero.....	2	2319 California.....	2
Sixteenth and Hoff avenue.....	1	2321 California.....	2
1631 Mission.....	3	1816 Pierce.....	1
913 McAllister.....	1	2426 Fillmore.....	1
Fulton and Grove.....	4	1520 Pacific.....	2
122 Turk.....	1	511 Mason.....	2
Total.....	.....		94

LOSSES.

This department suffered the loss of one 5-inch gong, and 7-cells Leclanche battery, located in the building of the South Harbor Police Station, which was destroyed by fire May 10th. From contact with electric light wires the following boxes were damaged, and considerable repair work upon them rendered necessary: Boxes 76, 237, 245, 246, 274, 285 and 362.

The number of grounds and crosses occasioned by the snow-storm of February 5th, was so great that it was impossible to make any detailed record of them. My small force was at that time fully occupied (nearly two days) in clearing our lines, which suffered immediate damage from the storm only in a very slight degree, there being only two poles broken, three wires broken, and one wire displaced. This gives a striking proof of the substantial manner in which our lines are constructed. The increased number of grounds and crosses occurring during the past year, is due principally to this snow-storm. The innumerable small wires stretched from house to house were weakened at their fastenings, and were continually dropping on our wires.

The employees of this department are:

Superintendent.....	JOHN CURRAN
Operator.....	ALFRED CLARKE, JR.
Operator.....	EDWIN H. REESE
Operator.....	WILLIAM MORTON
Chief Repairer.....	A. B. KINNE
Assistant Repairer.....	DANIEL SHAY
Assistant Repairer.....	ANTONE CHRISTIANSEN

EXPENDITURES.

Superintendent.....	\$2,400 00
Operators (3) at \$125 per month.....	4,500 00
Chief Repairer.....	1,200 00
Assistant Repairers (2) at \$90 per month.....	2,160 00
1886—July.....	537 00
August.....	598 06
September.....	230 98
October.....	396 30
November.....	946 15
December.....	610 16
1887—January.....	226 94
February.....	650 54
March.....	342 40
April.....	377 85
May.....	703 86
June.....	518 88
Total.....	<u>\$16,399 12</u>
Total appropriation allowed.....	17,100 00
Total expenses.....	<u>16,399 12</u>
Returned to General Fund.....	700 8
Received from house movers and other sources for the year 1887, ending June 30th.....	49 60
Total returns.....	<u>\$750 43</u>

TABLE No. 1.

SHOWING THE NUMBER OF ALARMS FROM EACH BOX DURING THE YEAR.

[illegible]

FIRE ALARM TELEGRAPH.

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TABLE No. 2.
SHOWING THE OF ALARMS FOR EACH HOUR OF THE DAY DURING THE YEAR.

1886.	A. M.												Totals.....
	1	2	3	4	5	6	7	8	9	10	11	12	Totals.....
	1	2	3	4	5	6	7	8	9	10	11	12	Totals.....
July.....	2	1	1	1	1	1	1	1	1	1	1	1	12
August.....	1	2	1	1	1	1	1	1	1	1	1	1	12
September.....	1	1	1	1	1	1	1	1	1	1	1	1	12
October.....	1	1	1	1	1	1	1	1	1	1	1	1	12
November.....	1	1	1	1	1	1	1	1	1	1	1	1	12
December.....	2	1	1	1	1	1	1	1	1	1	1	1	12
1887.	1	1	1	1	1	1	1	1	1	1	1	1	12
January.....	1	1	1	1	1	1	1	1	1	1	1	1	12
February.....	1	1	1	1	1	1	1	1	1	1	1	1	12
March.....	1	1	1	1	1	1	1	1	1	1	1	1	12
April.....	2	1	1	1	1	1	1	1	1	1	1	1	17
May.....	3	1	1	1	1	1	1	1	1	1	1	1	29
June.....	1	1	1	1	1	1	1	1	1	1	1	1	12
Totals.....	12	8	8	8	7	3	8	5	3	7	11	86	306

TABLE

TABLE SHOWING THE NUMBER, NATURE AND CAUSES

GROUNDS.				CROSSES.			
NO.	IMMEDIATE CAUSE.	NO.	DISTURBING CAUSE.	NO.	IMMEDIATE CAUSE.	NO.	DISTURBING CAUSE.
137	Foreign wires.	8	House-movers.	9	Foreign wires.	1	Wind storm.
4	Tin roof.	1	Fire.	7	Contact with electric light wire.	1	Painters.
1	Contact with electric light wires.	1	Runaway team.	2	Defective insulation on electric light poles.	1	Line builders.
3	Drop wires wet in pipe.	3	Derrick ropes.	1	Atmospheric electricity.	1	Runaway team.
5	Trees.	4	Street decorations.			1	Fire.
5	Poles rotting off, letting wire down to earth.	1	Painters.	9	Unknown.	23	Unknown.
		5	Line builders.	23		28	
1	Inside box broken loose from shell.	1	Tin roofers.			19	Removed by repairer.
1	Ground wire displaced in box.	1	Asphaltum roofers.			5	Cleared while repairer was out testing for the fault.
1	Defective insulation in box.	1	Advertising banners			4	Cleared before repairer going out to test.
1	Metallic sign.	1	Kites.				
29	Unknown.	1	Storm.				
188		9	Carpenters.				
		151	Unknown.				
		188					
		153	Removed by repairer				
		12	Cleared while repairer was out testing for the fault.				
		23	Cleared before repairer going out to test.				
		188					

No. 3.

OF LINE DISTURBANCES OCCURRING DURING THE YEAR.

TWISTS.		BREAKS.		POLES BROKEN.	
NO.	CAUSE.	NO.	CAUSE.	NO.	CAUSE.
1	House movers.	1	Contact with electric light wire burned it off.	4	Runaway team.
2	Derrick ropes.	3	Defective wire.	4	
2	Kites.	2	Open in instruments.		
1	Line builders.	1	Defective pin breaking.		
2	Carpenters.	2	Defective pole breaking, letting wire down in street.		
1	Street decorations.	1	Runaway team.		
2	Wires displaced on the poles while making alterations.	1	Line builders.		
13	Unknown.	2	Fire.		
24		1	High loaded wagon.		
23	Removed by repairer.	1	Men taking down bell tower.		
1	Cleared before repairer going out to test.	1	Painters.		
24		2	Pile-driver.		
		3	Snow-storm.		
		1	Street decorations.		
		2	Unknown.		
		24			

TABLE No. 4.

SHOWING NUMBER OF ALARMS EACH MONTH AND DAY DURING THE YEAR.

DAY OF WEEK.	1886.						1887.						Totals.....
	July.....	August.....	September.	October....	November..	December..	January....	February..	March.....	April.....	May.....	June.....	
Sunday.....	15	3	4	2	3	2	4	4	1	7	6	1	52
Monday.....	10	3	4	2	2	1	5	1	3	2	7	3	43
Tuesday.....	5	2	2	2	6	5	1	4	4	2	8	3	44
Wednesday	3	2	1	1	4	1	4	1	4	2	4	2	29
Thursday.....	6	4	2	3	1	4	1	2	4	2	4	7	40
Friday.....	8	4	3	3	2	4	1	2	2	3	7	5	44
Saturday.....	5	9	4	1	1	6	6	4	1	7	4	6	54
Totals.....	52	27	20	14	19	23	22	18	19	25	40	27	306

WORK REPORT.

Ran new line wire, No. 9 (blocks)	74
Ran new line wire, No. 12 (blocks).....	47
Ran old line wire, No. 9 (blocks).....	8
Ran covered line wire, copper (blocks).....	3
Ran covered line wire, iron (blocks).....	1
Took down line wire, good (blocks).....	11
Took down line wire, bad (blocks).....	67
Set 25-foot poles.....	124
Set 20-foot poles.....	23
Set 40-foot poles.....	1
Re-set 25-foot poles	17
Took down 25-foot poles, good.....	29
Took down 30-foot poles, good.....	1
Took down 40-foot poles, good.....	3
Took down 25-foot poles, bad.....	72
Took down 30-foot poles, bad.....	3
Guyed poles.....	48
Took down 30-foot poles, and reduced to 25-foot length.....	7
Set guy poles.....	2
Took down guy poles, good.....	3

RECOMMENDATION.

There is now being operated in this city a private system of fire alarm gongs. Connection is made by a contact maker in large gongs of the several companies, and branch circuits radiating therefrom, upon which small gongs are placed in the residences of the "call" members of the Fire Department. The alarm, when struck at the companies' headquarters, is transmitted over these lines, which are operated by independent batteries placed in the various houses of the Department. These lines in no wise interfere with the working of the main fire alarm circuits, being separate and distinct therefrom. The electro-motive force consists of a few cells, the gongs four-inch, direct-acting. That this method of announcing an alarm to the "call" members of the Fire Department is considered by the President of the Board of Fire Commissioners to be a valuable adjunct to his Department, I have not the slightest doubt, and would freely co-operate in any plan whereby I could facilitate the notification of an alarm to those members of the Fire Department who are summoned to their duties from the workshop or fire-side.

I therefore recommend that the existing plant be substituted by newly constructed circuits, to be maintained by the city government and incorporated into this Department, thereby guaranteeing to the Fire Department that reliability which is afforded them over the regular wires. Should your Honorable Body favorably consider this recommendation, and decide to promote to a greater degree the efficiency of the Fire Department, I respectfully ask that the services of an additional line-man be accorded me, to be used in the construction and inspection of the auxiliary lines.

In conclusion, I hereby tender my sincere thanks to His Honor the Mayor, your Honorable Body, the Fire and Water Committee and the Board of Fire Underwriters for their earnest support; to Chief David Scannell, Assistant Chief James Riley, District Engineers Kennard, Imbrie, McCarthy and Sullivan, Chief of Police Crowley, Captain Russell J. White, of the Underwriters' Fire Patrol, Fire Marshal Towe, for their hearty co-operation, and to the employees of this office for the satisfactory manner in which they have sustained the reputation of this Department.

JOHN CURRAN, Superintendent.

